

## **Historic, Archive Document**

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# WHOLESALE CATALOG

*For* FLORISTS

NURSERYMEN

MARKET GROWERS



FIELD OF HARDY NARCISSUS GROWING IN WASHINGTON STATE

## ***SUMMER and FALL 1942***

IMPORTERS and DEALERS

Flower, Garden and Grass Seeds—

Bulbs and Greenhouse Supplies

56th YEAR

# **HARNDEN'S SEED STORE**

507 WALNUT STREET

KANSAS CITY, MO.

PHONE VICTOR 1618

# HARNDEN'S SEED STORE

507 WALNUT STREET

KANSAS CITY, MISSOURI

Telephone Victor 1618

56th YEAR

## WHOLESALE PRICE LIST

SUMMER AND FALL—1942

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### TERMS OF SALE

## Special Discount for Cash with Order

**5% Discount for Cash on Flower and Small Garden Seeds**

**3% Discount for Cash on Spring and Fall Bulbs—Peas, Beans and Sweet Corn**

**2% Discount for Cash on Florist's and Greenhouse Supplies, Fertilizers, Spraying Materials, Sprayers and Other Supplies**

**Regular Terms** { 2% 10 days—Net 60 days—on Flower and Garden Seeds and Bulbs  
1% 10 days—Net 30 days—on all other supplies except Grass Seeds which are net cash

**F. O. B. Kansas City, Mo. EXCEPT FLOWER SEEDS ARE POSTPAID**

**TERMS OF PAYMENT.** To customers of approved credit we are pleased to allow the following terms. **Garden Seeds, Flower Seeds, Spring and Fall Bulbs, 2% Discount if Paid in 10 Days, 60 Days net.** Florist's and Greenhouse Supplies, Fertilizers, Sprayers, Spraying Materials and Other Supplies 1% Discount if Paid in 10 Days, 30 Days Net.

**WHERE SOLD.** All goods are sold f. o. b. Kansas City, Missouri, unless otherwise mentioned. Please state with your order how you want goods shipped. State distinctly Mail, Express or Freight.

**PERISHABLE STOCK.** Perishable plants, bulbs, etc., are positively not sent C. O. D.

**ADVANCE ORDERS.** Future orders booked for bulbs, seeds, plants, etc., not yet grown or harvested are subject to pro rata delivery in case of short crop.

**INSURANCE.** We insure all orders sent by parcel post amounting to \$2.00 and over at buyer's expense unless instructed not to do so.

**DISCLAIMER.** So many different conditions may arise regarding the germination of growth of seeds, bulbs or plants, such as planting too shallow or too deep, destruction by insects, frosts, chemical changes, etc., that we are forced to sell our seeds under the non-guarantee rule of all seedsmen, viz: **THE HARNDEN SEED STORE**, while it exercises great care in the selection of its seeds, gives no warranty, expressed or implied, as to description, purity, productiveness of any seeds, bulbs or shrubs it sends out and it does not in any way guarantee them and cannot be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

HARNDEN'S SEED STORE



# ANTIRRHINUM GIANT SNAPDRAGONS

## FOR WINTER FLOWERS

All Seed Is Greenhouse Grown by Snapdragon Specialists

New and old standard sorts which have been tried and proven, many of which we can furnish seed from the originator, we sell only the finest snapdragon seed that can be had anywhere.

PLEASE NOTE—All varieties marked with a \* are in originators' packages

### NEW INTRODUCTIONS

\***AMERICA** (Hodaly). Brilliant rose-pink with orange lip, blending into pure lemon. The flower heads are from sixteen to twenty-five inches long, carrying well set, large florets; medium foliage. A real winter bloomer, with uniform flowering period. ½ Tr. Pkt., 85c; 3 for \$4.00.....**\$1.50**

\***BETTER TIMES** (Windmill). Fine deep brilliant cerise-rose partner to Christmas Cheer. Same fine early and productive habit of Christmas Cheer. ½ Tr. Pkt., \$1.25; 3 for \$5.00.....**2.00**

\***CHRISTMAS CHEER** (Windmill). Extra-early, long-stemmed clear rose-pink. Will easily make Christmas with us with an average of three flowers per plant through a July 1 sowing. The ideal early pink. ½ Tr. Pkt., \$1.25; 3 for \$5.00.....**2.00**

\***KOESTER'S WHITE**. Pure white and a clean grower and a substantial spike of slightly ruffled flowers. An outstanding introduction that we feel confident will produce a most valuable and profitable florists' variety. ½ Tr. Pkt., 85c; 3 for \$4.00.....**\$1.50**

### STANDARD VARIETIES YELLOW

\***YELLOW WONDER** (Bezdek's).

A real early-blooming bright-yellow Snapdragon. Yellow Wonder has all the qualities of being the outstanding commercial yellow. It is a good producer on long stems with florets nicely set. ½ Tr. Pkt., 85c; 3 for \$4.00.....**\$1.50**

**COATES YELLOW PERFECTION.**

Finest deep yellow. ½ Tr. Pkt., 60c; 3 Tr. Pkts., \$2.50.....**1.00**

**CEYLON COURT**—Beautiful canary yellow. ½ Tr. Pkt., 60c; 3

Tr. Pkts., \$2.50.....**1.00**

### RED SHADES

\***VELVET BEAUTY.** American

Beauty red, early flowering. ½ Tr. Pkt., 60c; 3 Pkts., \$2.50.....**\$1.00**

### PINK AND ROSE SHADES

**CHEVIOT MAID SUPREME.** Pink, Darker than Cheviot Maid. ½ Tr. Pkt., 60c; 3 Tr. Pkts., \$2.50.....**\$1.00**

\***CHEVIOT SUPREME "ROSE PINK."** Combines intense pink color, medium size spikes, small foliage and wiry stems. Extreme early blooming. ½ Tr. Pkt., 60c; 3 Tr. Pkts., \$2.50.....**\$1.00**

\***NEW CINCINNATI.** The finest light rose-pink. ½ Tr. Pkt., 60c; 3 Tr. Pkts., \$2.50.....**1.00**

\***ROWE'S ST. LOUIS EARLY PINK.** A clear luminous silvery-pink color. The originator claims it to be a good early bloomer, producing best in January and February. ½ Tr. Pkt., 85c; 3 for \$4.00.....**1.50**

**ROSE QUEEN.** A beautiful dark pink, large flowering, a true winter bloomer. ½ Tr. Pkt., 60c; 3 Tr. Pkts., \$2.50.....**1.00**

\***SCHAFFROTH'S EARLY PINK.** Long spikes with 10 to 12 inches of florets superbly formed and closely set. The color is magnificent—a glistening bright rose pink, an ideal commercial shade. Besides being a very profuse bloomer, it is also shatterproof. ½ Tr. Pkt., \$1.25; 3 for \$5.00.....**2.00**

### LAVENDER

**BERTHA BAUER.** The only early lavender. ½ Tr. Pkt., 60c; 3 Tr. Pkts., \$2.50.....**\$1.00**

\***WINDMILLER'S LILAC.** Color is brightened with lilac shading. True to color, well placed flowers, and no grassy growth. ½ Tr. Pkt., 85c; 3 Tr. Pkts., \$4.00.....**1.50**

### BRONZE SHADES

**AFTERGLOW.** A beautiful bronze. ½ Tr. Pkt., 60c; 3 Tr. Pkts., \$2.50.....**\$1.00**

\***GLORIOUS.** A brilliant, bronzy scarlet, early and free flowering. ½ Tr. Pkt., 85c; 3 Tr. Pkts., \$4.00.....**1.50**

### WHITE

\***WHITE WONDER** (Bezdek's). The best pure white snapdragon possessing long flowering spikes on strong wiry stems. ½ Tr. Pkt., 60c; 3 Tr. Pkts., \$2.50.....**\$1.00**

**LUCKY STRIKE.** Pure white, grows three to four feet with splendid full spike of flowers, does not drop or shatter. ½ Tr. Pkt., 60c; 3 Tr. Pkts., \$2.50.....**1.00**

FLOWER SEEDS ARE POSTPAID

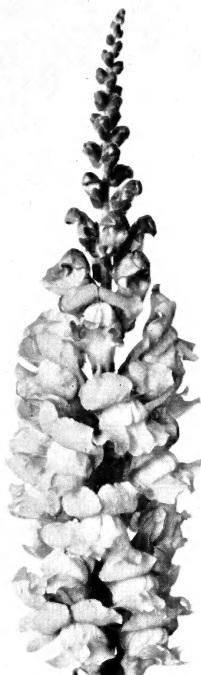
### ANTIRRHINUM Snapdragon

For Bedding and Outdoor Cut Flowers

**MAXIMUM SUPER GIANTS  
Rust Resistant**

In habit these are taller, grow to a height of 2½ feet and the flowers are much larger.

Alaska, (Snowflake) White	Trade pkt.
½ oz., 75c.....	\$ .25
Campfire, Luminous Scarlet, ½ oz., 75c.....	.25
Canary Bird, Canary Yellow, ½ oz., 75c.....	.25
Christmas Candle, Bright Flame with tube waxy cream, ½ oz., 75c.....	.25
Copper King, Burnished Copper, ½ oz., 75c.....	.25
Copper Shades, Copper Orange to Old Gold, ½ oz., 75c.....	.25
Crimson, Fiery Crimson, ½ oz., 75c.....	.25
Daffodil Yellow, ½ oz., 75c.....	.25
Fair Lady, Pink with white tube, ½ oz., 75c.....	.25
Pink Shades, Rose Pink to Pale Pink, ½ oz., 75c.....	.25
Red Cross, Crimson, White Tube, ½ oz., 75c.....	.25



## ASPARAGUS

600 seeds to the ounce

### PLUMOSUS NANUS

Per 100 seeds, 25c; 1000 seeds.....	\$ 1.25
Per 250 seeds, 50c; 5000 seeds.....	5.00
Per lb. ....	9.00

### ASPARAGUS SPRENGERI

100 seeds, 25c; 1000 seeds.....	1.25
250 seeds, 50c; 5000 seeds.....	5.00
Per lb. ....	9.00

## BEGONIA

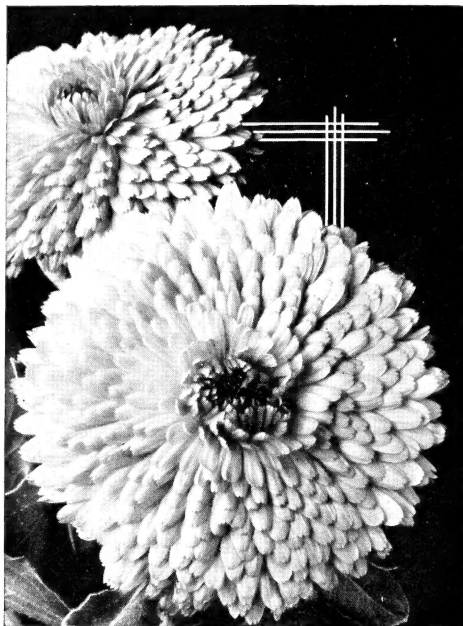
		Trade pkt.
Christmas Cheer Red. A very large flowered variety, the blossoms attaining a diameter of two inches. Color, dark crimson-scarlet.....	1-64 oz., \$1.40	.50
Christmas Pink. The growth, blossoms and foliage identical to above variety only the color is a delightful shade of warm rose-pink....	1-64 oz., \$1.50	1.00
Gracilis Luminosa. Foliage lustrous reddish brown, flowers fiery dark scarlet.....	1-32 oz., \$1.75	1.00
Carmen. Bright pink flowers with richly contrasting bronze foliage.....	1-64 oz., \$1.75	1.00

## CALCEOLARIA

		Trade pkt.
Hybrida Grandiflora Compacta. Choice Tigered Spotted mixed colors, finest large strain. ....	\$1.00	
Hybrida Tigrina Nana. Dwarf Tigered Spotted mixed colors.....		1.00
Albert Kent Hybrids. A much liked mixture of varied colors.....		1.00

## CALENDULA

		Trade pkt.	Oz.
Ball's Long Orange. This new Orange Calendula represents a very great improvement in size, length of stem, and fullness of flowers, especially recommended for growing under glass.....	2 oz., \$3.50; ¼ oz., 60c	\$4.00	\$2.00
Ball's Gold has the same long stem and extra large, uniformly double flowers that are so well known in our Ball's Orange. ....	2 oz., \$3.50; ¼ oz., 60c	.40	2.00
Ball's Sensation (Campfire). Long Stems, very double, brilliant, orange flowers with a crimson or scarlet sheen. The blooms are very flat in shape. ¼ oz., 60c; 2 ozs., \$3.50		.40	2.00
Ball's Masterpiece (new). Full deep orange with brown center. Extra long-stemmed and vigorous growth. ¼ oz., 60c; 2 ozs., \$3.50		.40	2.00
Ball's Supreme. Light shade of orange with a richly contrasting brown center. Not extra long-stemmed or large, but freer-flowering than any of the above. ....	¼ oz., 60c; 2 ozs., \$3.50	.40	2.00
Ball's Apricot. Rich apricot or straw-colored with a finely contrasting brown center. Same habit as "Supreme" from which it is a selection. Some of this should be grown for the variety it affords. ....	¼ oz., 60c; 2 ozs., \$3.50	.40	2.00



CALENDULA CAMPFIRE

## CALENDULA (Continued)

		Trade pkt.	Oz.
Ball's Lemon Queen. Medium deep yellow with an attractive dark brown center. ....	¼ oz., 60c; 2 ozs., \$3.50	.40	2.00

## CANDYTUFT

		Trade pkt.	Oz.
Giant Hyacinth-Flowered. Extra Selected, large, pure white flower.....	¼ lb., \$2.25	\$ .15	\$ .75
Umbellata Lilacina. Lilac. Select. ¼ lb., 1.00		.15	.40
Carminea. Carmine ..... ¼ lb., 1.00		.15	.40
Flesh ..... ¼ lb., 1.00		.15	.40
Purpurea. Crimson ..... ¼ lb., 1.00		.15	.40
Rose Cardinal, new..... ¼ lb., 1.00		.15	.50
Mixed Colors ..... ¼ lb., .90		.10	.30

## CENTAUREA CYANUS—Double

(Cornflower or Bachelor's Button) 3 ft. Annual

Special Strains, the flowers of these strains are large, fully double and the colors intensified. Long stems for cutting. The Finest Florist Strains.					
	Lb.	Tr.	Pkt.	Oz.	¼ lb.
Blue Boy.—Double blue.....	\$4.50	\$ .15	\$ .40	\$1.35	
Red Boy.—Deep red .....	4.50	.15	.40	1.35	
Black Boy.—Blackish Maroon..	4.50	.15	.40	1.35	
Pinkie.—Deep pink.....	4.50	.15	.40	1.35	
Snowman.—White .....	4.50	.15	.40	1.35	
Mixture of above.....	4.50	.15	.40	1.35	
Jubilee Gem.—A dwarf compact-growing form, deep blue flowers; good for pots and bedding; 12 in. ....		.20	1.00		

FLOWER SEEDS ARE POSTPAID

**CENTAUREA (Continued)**

**Centaurea Imperialis** (Giant Sweet Sultan).—2½ ft. Finest of all Sweet Sultans for cut flower purposes. The beautiful sweet-scented, artistic shaped flowers are borne on long, strong stems; when cut and put in water will last for several days in good condition. Finest mixed. Lb., \$4.00; Tr. Pkt., 15c; Oz., 40c; ¼ lb., \$1.30.

**Suaveolens** (Yellow Sweet Sultan or Grecian Cornflower). Large, bright yellow flowers; sweetly scented and a popular sort for cutting; lasting well. Tr. Pkt., 15c; Oz., 40c.

**CENTAUREA**

	Trade pkt.	Oz.
<b>Candidissima</b> (Dusty Miller).... ¼ oz., 50c	.25	\$1.50
<b>Gymnocarpa</b> (Silver foliage).....	.15	.50

**CINERARIA****CINERARIA HYBRIDA****CINERARIA CREMERS PRIZE MIXTURE**

	Trade pkt.	Oz.
<b>Cremer's Prize Mixture</b> . Medium to small flowers freely produced in extra large heads and a good line of colors.....1-64 oz., \$2.25; 1-32 oz., \$4.00	\$1.50	
<b>Potsdam or Berlin Market</b> . More dwarf and uniform than the Cremer strain. Very choice mixture of colors .....1-64 oz., \$1.75; 1-32 oz., \$3.25	\$1.00	

	Trade pkt.	Oz.
<b>CLARKIA ELEGANS</b> . Double extra choice mixed .....	\$ .15	\$ .60
Scarlet Queen. Brilliant scarlet.....	.15	.60
Salmon Queen. Salmon orange scarlet...	.15	.60
White .....	.15	.60
May Blossom, Pink .....	.15	.60

<b>COLEUS</b> , Rainbow mixtures, extra large leaved .....	1-16 oz., \$1.00	.35
<b>Lacinated and Fringed Mixed</b> .....		.50

**CYNOGLOSSUM CHINESE FORGET-ME-NOT**

	Trade pkt.	Oz.
<b>Cynoglossum Blue Amabile</b> . A lovely plant 18 to 24 inches tall with flowers of a true Forget-me-not blue. May be sown either outside or under glass. Makes wonderful cut flowers .....	\$0.15	\$0.30

<b>Amabile Pink</b> . In growth and general appearance this resembles the Cynoglossum Blue, only that the flowers are rich, deep pink and are more striking than blue Forget-me-nots. In moderate climates these plants are perennial.....	.15	.65
<b>Firmament</b> . New rich blue..... ¼ oz., 50c	.25	1.50
<b>Didiscus Coeruleus</b> (Lavender Lace Flower), 3 ft. long stemmed lavender flowers; look like blossoms of Wild Carrot. A constant bloomer. To be sown where they are to flower..... ¼ oz., 30c	.15	.80

	Trade pkt.	Oz.
<b>Dimorphotheca African Orange Daisy</b> ....	\$ .20	\$ .80
Hybrids, mixed .....	.15	.75
<b>Dracaena Indivisa lineata</b> .....	.15	.40

**GYPSOPHILA ("Baby's Breath")**

**Grandiflora Alba**.—Covent Garden Market Reselected strain. The largest flowered pure white Gypsophila. Grows about 12 inches higher than Paris Market. This strain is a wonderful advance. 1 oz., 25c; 4 ozs., 70c; 1 lb., \$2.00; 5 lbs., \$7.25.

	Trade pkt.	Oz.
<b>Heliotrope, Lemoine's Giant. Mixed</b> .....	\$ .25	\$1.75

**LUPINUS (Lupine)**

**ANNUAL SORTS**—Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade; 2 feet.

	Trade pkt.	Oz.
<b>Rich Blue</b> .....	lb., \$2.75	\$ .15
<b>Rose</b> .....	lb., 2.75	.15
<b>White</b> .....	lb., 2.75	.15
<b>Mixed, all colors</b> .....	lb., 2.75	.15

**HARTWEGII GIANTS OR KING LUPINES KING BLUE**

Enormous spikes of rich Oxford Blue, enhanced by a pure white stripe in the standard of each flower. The plants grow from three to four feet high. They are base-branching, with six to eight huge spikes to a plant. They are excellent cut flowers and can be forced under glass. Trade pkt., 20c; oz., 50c; ¼ lb., \$1.60.

**Sky Blue**.....Oz., 50c; ¼ lb., \$1.60; Trade pkt., 20c

**MARIGOLDS****LIEB'S WINTER FLOWERING**

Lieb's Winter Flowering Marigold is an excellent subject to follow Chrysanthemums in the greenhouse. For best results seed should be sown from July up to December and the plants will bloom continuously from October to May. The flowers are as large as 3 inches in diameter, single and semi-double in formation, deep mahogany brown with golden yellow crested centers. The stems are very fine and long, on plants 3 to 4 feet tall. They are not subject to any insect pest. ¼ oz., 50c; Trade pkt., 25c.

**Lieb's Brown and Yellow**. Tr. pkt. 25c; ¼ oz. 50c; oz., \$1.50

**Lieb's Sunshine**. Yellow. Tr. pkt. 25c; ¼ oz. 50c; oz., \$1.50

**Australian Tree**. This is another desirable Winter Flowering Marigold with long stems. Color: Golden yellow and mahogany. Tr. pkt., 20c; ½ oz., 60c; oz., \$1.00.

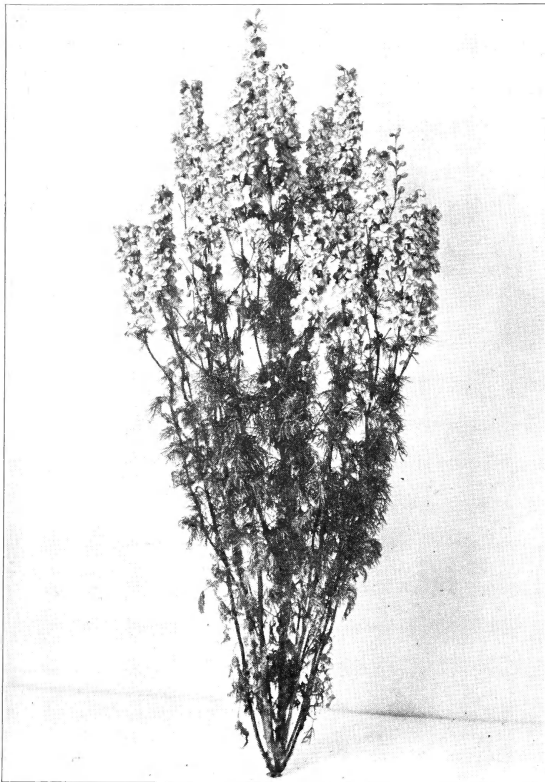
**Winter Harmony**. It is of quilled scabious type. A single row of reddish brown guard petals encircling a golden orange quilled center—with mahogany brown dots on tip of each quilled petal. Produces 100 per cent double flowers. 2½ inches in diameter. Tr. pkt., 20c; ¼ oz., 50c; oz., \$1.50.

**DIDISCUS COERULEUS**

FLOWER SEEDS ARE POSTPAID

# LARKSPUR

## NEW AND BEST VARIETIES FOR CUT FLOWERS



GLORIA LARKSPUR—Giant Imperial Type

### GIANT IMPERIAL TYPE

	Trade pkt.	Oz.
Miss California. Rich, deep pink suffused salmon. This is a deep and especially attractive color. .... ¼ oz., 35c	\$ .25	\$1.00
Carmine King. Rich carmine rose, deep enough to be placed between Miss California and Newport Pink. We find this the most attractive shade on the list. .... ¼ oz., 35c	.25	1.00
Blue Bell. Medium blue, deeper than sky blue, long branched flowering spikes. .... ¼ oz., 35c	.25	1.00
Blue Spire. Intense deep oxford blue. .... ¼ oz., 35c	.25	1.00
Dazzler. Bright carmine. .... ¼ oz., 35c	.25	1.00
White Spire. Pure White. .... ¼ oz., 35c	.25	1.00
White King. (New.) Outstanding white larkspur. .... ¼ oz., 35c	.25	1.00
Exquisite Pink. Soft pink shaded salmon. .... ¼ oz., 35c	.25	1.00
Roseland. Rose suffused salmon pink, true base branching. .... ¼ oz., 35c	.25	1.00
Sweet Lavender. Rich blue lavender. .... ¼ oz., 35c	.25	1.00
Lilac Spire. Lilac. .... ¼ oz., 35c	.25	1.00
Improved Gloria. Rich, deep rose. A distinct new florist shade. .... ¼ oz., 35c	.25	1.00
All the above per lb., \$10.00, except where noted		
Imperial Mixed Larkspur, lb., \$10; ¼ oz. 30c	.25	1.00

### TALL BRANCHING DOUBLE STOCK

Flowered Type		Trade pkt.	Oz.
Empress. Rose pink .....	lb., \$7.50	\$.25	.60
Los Angeles. Rose on salmon ground. ....	lb., 7.50	.25	.60
La France. Pleasing salmon pink. ....	lb., 7.50	.25	.60
Rosamond. This is a pure rose self, a new and distinct color in Larkspurs, which does not change with age. ....	lb., 7.50	.25	.60
Sky Blue .....	lb., 7.50	.25	.60
Dark Blue .....	lb., 7.50	.25	.60
Lilac .....	lb., 7.50	.25	.60
Rosy Scarlet .....	lb., 7.50	.25	.60
White .....	lb., 7.50	.25	.60

### LARKSPUR

Tall Branching Double Stock Flowered in Our Special Mixture. .... Trade pkt., 25c; oz., 50c; lb., \$7.50

### NASTURTIUM (Double)

**Golden Gleam.** The original semi-trailing double nasturtium. Deep golden yellow. ½ oz., 10c; oz., 15c; 4 ozs., 35c; lb., \$1.00.

**Scarlet Gleam (New).** Identical in every way with Golden Gleam except in color which is a brilliant scarlet. ½ oz., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

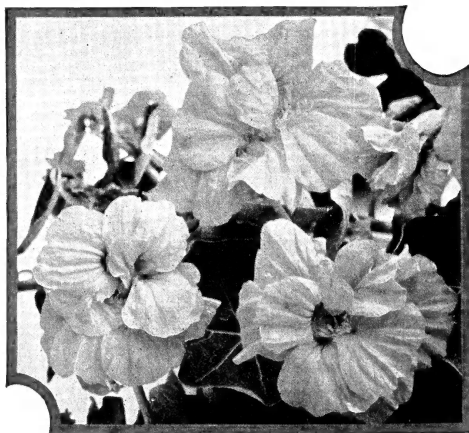
**Gleam Hybrids.** This hybrid strain produces a most pleasing array of very attractive colors running through varying shades of scarlet, orange, salmon, to golden and cream yellow, with all the valuable characters of Golden Gleam added. Oz., 15c; 4 ozs., 35c; lb., \$1.00.

**Fire Gleam (New).** Bright scarlet, sweet scented, fine semi-double type. Oz., 15c; ¼ lb., 35c; lb., \$1.00.

### LARKSPUR—Cockade Type

An improved strain of the base branching Giant Imperial type—producing a more symmetrical plant with longer flowering spikes and closer spaced florets. Blue Cockade, rich lilac blue; Cinnabar Cockade, brilliant rose red; Rose Cockade, salmon rose; Salmon Pink Cockade.

Each of the above: Trade pkt., 25c; ¼ oz., 35c; oz., \$1.00.



NASTURTIUM GOLDEN GLEAM

**MIGNONETTE**

New York Market. Produces dwarf, vigorous plants of pyramidal growth. Finest in every way for florists' use and for pots. Trade pkt., 50c; ¼ oz., 75c; oz., \$2.00.

Reseda Odorata Grandiflora Improved. 16 in. Trade pkt. Oz.  
\$0.10 \$0.15

**PANSIES**

25,000 Seeds to the Ounce

**America Superior Giant Flowered Florists Mixture.**—Unsurpassed for market sales, they contain a great variety of colors, both dark and light and a good percentage of both bronze and reddish shades. Giant size flowers. Tr. pkt., 50c; ¼ oz., \$2.25; oz., \$7.50.

**Englemann's Giant Mixture.** A splendid mixture of real Giants with a full range of all good Pansy colors. In size and coloring quite outstanding. Tr. pkt., 50c; ¼ oz., \$2.75; oz., \$10.00.

**Super Swiss Giant Mixture.**—The flowers are gigantic size, perfectly round, fine substance of flower and good form of plant, and exhibit shades previously unknown in this family. They bloom early in the spring, continuing in flower all summer until late in fall. Pkt., 50c; ¼ oz., \$2.75; oz., \$10.00.

**Improved Swiss Giants.** Choice colors, excellent for size and stems. Tr. pkt., 50c; ¼ oz., \$2.25; oz., \$7.50.

**Steeles' Jumbo Mixture.**—Extra large flowered strain of Giants with strong growth and long stems. Tr. pkt., 75c; ½ oz., \$2.25; ¼ oz., \$4.00; ½ oz., \$7.50; oz., \$14.00; 2 oz., \$27.00.

**SCHIZANTHUS**

**Schizanthus Grandiflorus.** Giant Flowering Hybrids, an extra select large flowered compact hothouse strain containing a perfect blend of many colors. . . . ½ oz., \$1.25 Trade pkt. Oz.  
.50

**Excelsior Compactus.** Finest mixed, popular shades, compact, 6 in. pyramidal, very free flowering, excellent for pot plant use. . . . ½ oz., \$1.00 .50

**Pansy Flowered Mixed,** large pansy flowered blooms in a wide range of rich colors . . . . ½ oz., \$1.00 .35

**SMILAX**

Smilax . . . . . ¼ lb., \$1.50 Trade pkt. Oz.  
\$ .15 \$ .50

**STATICE SINUATA**

"Market Grower's Blue"

The color is the deepest possible blue, but retains the necessary brightness to make it ideal for market. The plant is strong and free-flowering, but keeps that comparative compactness of habit which is one of the essentials of a good market stock . . . . . lb., \$2.50 \$ .15 \$ .25  
Rosea Superba . . . . . lb., 2.50 .15 .25  
**Torenia Fournieri.** Makes a fine pot plant for Mother's Day sales. Flowers blue with dark blotches on lip. . . . ½ oz., 65c .40 3.00

**VINCA (Periwinkle)**

Rosea Pink . . . . . ¼ oz., 35c Trade pkt. Oz.  
\$0.25 \$1.50  
Fl. Alba Oculata. White with pink eye 35c .25 1.50  
Alba Pura. Pure white. . . . ¼ oz., 35c .25 1.50  
Mixed . . . . . ¼ oz., 35c .25 1.50  
Delicata—Soft pink with dark eye. . . . ¼ oz., 35c .25 1.50  
Kermesina—Bright red, dark green foliage, red stems. . . . . ¼ oz., 35c .25 1.50

**STOCKS****IMPROVED BISMARCK  
(Early Giant Imperial)**

An especially meritorious class. These stocks are giant, growing from twenty-four to thirty inches tall, of branching habit, producing innumerable large spikes measuring twelve to sixteen inches long, coming into bloom in about twelve weeks after seedlings are planted.

Shasta (Pure White)	Lavender	Flesh
Fiery Blood Red	Dark Blue	Lilac
Gold Ball	Rose	
Elks Pride (Purple)		

Each of the above . . . . . ½ oz., 50c Trade pkt. Oz.  
\$ .35 \$3.00  
Giant Bismarck, mixed, all colors ½ oz., 50c .35 3.00

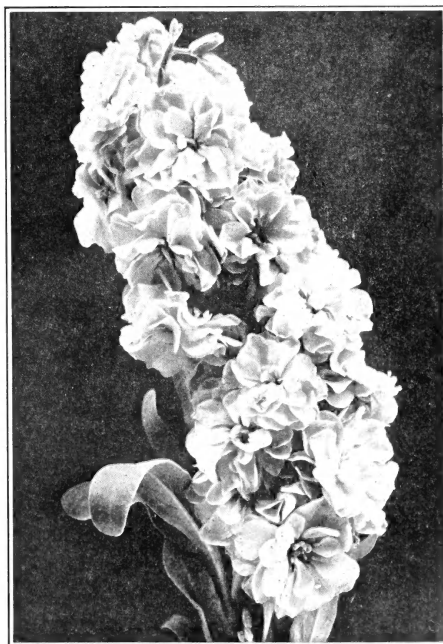
**NON-BRANCHING OR COLUMN STOCKS**

These produce one enormous spike with large flowers, 1 to 2½ feet high and can be planted close together in the bench.

Lilac-Lavender	Deep Rose	Pure White
Dark Blue	Ruby	
. . . . . ½ Trade pkt., 60c; ¼ oz., \$2.50	\$1.00	\$9.00

**Gardenia.** Glistening white. The flowers are the purest snow white of any variety of stock yet introduced. Immense size, robust habit with a high percentage of doubles. Is in a class by itself. ½ oz., \$2.25; Tr. pkt., \$1.00

**Stock Super Giant Imperial.** A new group of Giant Imperial Stock bred and selected for florists' use. Like the Giant Imperial group, the plants are base branching, each plant producing 12 to 15 huge flower spikes. The individual florets are large and double, measuring 2 inches or more in diameter. When in full bloom, each spike will have from 40 to 50 florets blooming at the same time. This type is certain to become a florist favorite. Blush Pink, Dark Blue, Rose Charm, a beautiful, rich deep rose. Trade pkt., 35c; ¼ oz., \$1.00.



STOCK—GIANT BISMARCK

# HARNDEN'S SWEET PEAS

## SWEET PEAS—"Up-to-Date" Florists' Varieties

True to Name and Hand Picked Seed. If you are in the market for quantity, please ask us for special prices.

### EARLY OR WINTER FLOWERING

Prices, Except as Noted— $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., 90c;  
1 lb., \$3.40.

#### ROSE AND PINK

American Beauty. Rich crimson rose.  
Annie Laurie. Rich pure rose.  
Baltimore. Rosy Cerise.  
Ball's Rose Improved. Bright Dark Rose.  
Bride's Maid. Deep silvery pink, long stems, large flowers.  
Boon. Fine deep salmon rose on cream. Large flower.  
Colossal Rose. Largest rose in cultivation, long stems, vigorous grower.  
Daphne (New). Soft salmon pink, cream ground, long stout stem.  
Florist Rose. Pure Rose Pink.  
Jeanne Mamitsch. Rose pink, long stemmed.  
Josie. Clear rose pink.  
Shirley Temple. New pink of great value.  
Zvolanek's Perfection. Dark rose.  
Sequoia. Extra large salmon rose. Fine for spring.  
Skippy. Light Salmon Pink.  
Sunray. Cerise, cream ground, long stem.  
Improved Laddie. An enormous rose-pink.  
Mrs. Kerr. Salmon.  
Early Dawn (New). Deep chamois pink.  $\frac{1}{2}$  oz., 75c; oz., \$1.40.

#### SCARLET

Aviator. Scarlet.  
Bright Light. Flaming scarlet.  
Grenadier. A glowing poppy scarlet, the most brilliant of all.  
Mars. Oxblood Crimson.  
Redwood. Extra large flower. Deep crimson red.  
Early Geranium (New). Salmon cerise.  $\frac{1}{2}$  oz., 75c; oz., \$1.40.

#### BLUE

Ball's Blue. Clear Blue.  
Florists Blue. Best Clear Blue.  
Mrs. Herbert Hoover. Bright clear uniform blue.  
Navy Blue. Dark blue.  
Top Hat. Deep bright violet blue. Fine growth and strong color.  
Zvolanek's Blue. Bright blue.

#### ORANGE

Burpee's Orange. Glistening orange.  
Valencia. Color bright orange, sun-proof, softer tone than Orange King but with immense vigor in growth, length of stem and size of blooms.  
Fortyniner. Early. Brilliant orange.  
Ball's Orange. Early flowering, clear orange.  
Treasure Island. Sparkling golden orange. Large ruffled flower and distinctive color.

#### WHITE

Ball's White. Fine large flowered, white.  
Burpee's White. Giant white.  
Hope. Best white.  
Snowstorm Improved. A vigorous grower, flowers large, of great substance and are borne in fours on long stems.

#### LAVENDER AND PURPLE

Amethyst. An early flowering "Royal Purple."  
Harmony. Lavender.  
Lavanda. Finest clear lavender.  
Triumph. Extra long stemmed lilac-mauve.  
Early Magic (new)—Chinese violet.  $\frac{1}{2}$  oz., 75c; oz., \$1.40

#### MIXED COLORS

Early Flowering Spencer, Harnden's Special Mixture.



### SPRING FLOWERING

#### A New Race of Sweet Peas for Greenhouse Culture Tested in Greenhouses

When tested in the greenhouse under commercial conditions, this new "spring-flowering type" performed outstandingly well in the spring months, giving excellent flowers on long stems when the regular early-flowering types had given out. The spring-flowering type also gives a much heavier crop of flowers than the standard early-flowering type. Seeds of the spring-flowering type should not be sown before September or October in the greenhouse for flowering during March, April and early May.

Spring-Flowering Blue. A splendid clear marine blue.  
Spring-Flowering Clear Rose-Pink.  
Spring-Flowering Lavender. Beautiful clear lavender.  
Spring-Flowering Pink. Clear pink.  
Spring-Flowering White. Pure white.

All of above priced at:  $\frac{1}{2}$  oz., 60c; oz., \$1.00; 4 oz., \$3.75.

### LATE, OR SUMMER FLOWERING

#### New and Standard Spencer Varieties

Ambition. Rosy lavender.  
Austin. Frederick Imp. Gt. lavender.  
Beattall. Pink suffrage salmon.  
Blue Bird. Rich blue.  
Blue Moon—Clear Mid. blue.  
Bonny Briar. Rose pink.  
Bonnie Lassie. Rich salmon pink.  
Burpee's White. Large white.  
Campfire. Bright scarlet.  
Charming. Bright cerise.  
Crony. Golden salmon.  
Golden Dragon. Orange.

Oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$1.75.

FLOWER SEEDS ARE POSTPAID



# HARDY PERENNIAL AND BIENNIAL SEEDS

	Trade pkt.	Oz.
<b>Achillea Ptarmica</b> fl. pl., The Pearl (Double White) .....	¼ oz., 75c	\$ .25
<b>Millefolium Kelwayi.</b> Dark blood red....	.25	
<b>Aconitum (Monk's Hood)</b>		
Napellus. Dark blue.....	¼ oz., 65c	.25 1.80
<b>Agrostemma Coronaria.</b> Mixed .....	.15	.35

## ALYSSUM

Madwort; Basket of Gold

<b>Saxatile Compactum.</b> Broad masses of bright yellow flowers in early spring. An excellent plant for the rockery or front of borders. 1 foot .....	¼ oz., 25c	.15	.85
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## ROCK GARDEN PERENNIAL MIXED

Rare species, mixed kinds. Includes such varieties as montanum, postratum, corymbosum, gemonense and many others. ....	½ oz., 75c	.35
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## AMPELOPSIS VEITCHII

	Trade pkt.	Oz.
(Boston or Japan Ivy) .. ¼ lb., 60c; lb., \$2.25	\$ .10	\$ .20

## ANCHUSA

Italica, Dropmore variety. Dark blue.....	.15	.50
Myosotidiflora. Pale blue Forget-me-not flowers .....	½ oz., \$2.00	.50

## ANTHEMIS

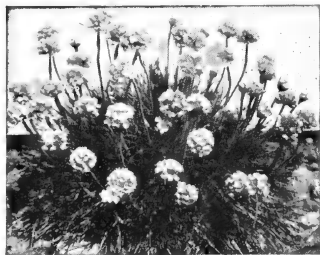
Tinctoria. Kelwayi. Yellow.....	.15	.50
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## ARABIS ALPINA (Alpine Rock-Cress)

White, sweet scented.....	¼ oz., 35c	.20 1.00
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## ARMERIA MARITIMA

(Cushion Pink) Rose.....	.25	1.40
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ARMERIA

## ZENKE'S FUNGICIDE

Stops mildew, rust, leaf spots, black molds, wilts, damping off, galls and leaf curl.  
1 qt. can, 90c; 1 gal. can, \$2.85;  
5 gal. \$13.75.

## AQUILEGIA (Columbine)

	Trade pkt.	Oz.
Alpina, Blue .....	¼ oz., 60c	\$ .25 \$2.25

**Crimson Star.** This new long-spurred Aquilegia comes true from seed, and the coloring is unique, the sepals and spurs being deep blood-crimson, with white petals. The plant is vigorous, sending up flower stems very freely to the height of 2½ feet. .... ½ oz., \$2.00 .75



COLUMBINE CRIMSON STAR

**New Long Spurred Beauty**—Perennial, 2 feet. A re-selection of the finest long spurred columbines for those who desire specified colors. This strain is absolutely unexcelled in coloring, form, and size. In the following three colors which we offer, they come almost entirely true to type.

	Trade pkt.	Oz.
<b>Blue Shades</b> —Contains all the shades of blue, lavender, mauve and purple. ....	¼ oz., \$1.85	\$ .50

<b>Pink Shades</b> —Color ranges from apple-blossom to deep rose.....	¼ oz., \$1.85	.50
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<b>Scarlet Shades</b> —Contains light and dark scarlet and crimson in many shades in addition to handsome bi-colored shades. ....	¼ oz., \$1.85	.50
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<b>Mrs. Scott Elliott's Strain of Long-Spurred Hybrids.</b> The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, red, etc. The whole form a most harmonious mass of coloring seldom seen in other flowers.....	¼ oz., 90c	.35 3.35
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<b>Dobbie's Imperial Hybrids.</b> These new long-spurred Columbines are unequalled for their range of colors and sturdiness. ....	¼ oz., 90c	.35 3.35
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FLOWER SEEDS ARE POSTPAID

## HARDY PERENNIAL AND BIENNIAL SEEDS (Continued)

### ASTERS (Michaelmas Daisy)

These are among the showiest of our late-flowering hardy plants, giving a wealth of bloom during September and October, a season when most other hardy flowers are past. Should be planted in masses for the best effect. They grow freely in any soil.

**New Large Flowering Hybrids.** One of the most beautiful late flowering types. Daisy-like flowers massed profusely on plants 3 feet high. A mixture of the most beautiful shades

Trade pkt. Oz.

### AUBRETIA

Trade pkt. Oz.

*Hybrida grandiflora.* Flowers large, varying in all shades from white, rose, lilac, dark red, blue to violet. Very useful for borders and rock-work, 3 to 4 in. . . . . .25  
*Eyri.* Deep rosy lilac; best of all. . . . . .50  
*Baptisia Australis.* Light blue. . . . . .20 .85

### BELLIS (Double Daisy)

Trade pkt. Oz.

*Monstrosa Mixture* . . . . . Ask for Price  
*Monstrosa. White* . . . . . Ask for Price  
*Monstrosa. Pink* . . . . . Ask for Price  
*Monstrosa. Red* . . . . . Ask for Price  
*Etna. Double Red (Tubulosa)* . 1/4 oz., .35 6.50

### CAMPANULA

Trade pkt. Oz.

*Medium (Canterbury Bell), single mixed* .15 .50  
*Single White, Blue or Pink* . . . . .15 .50  
*Calycanthema (Cup-and-Saucer), choice mixed* . . . . . 1/4 oz., .35c .15 1.20  
*Dark Blue, Pink, Light Blue or White* . . . . . 1/4 oz., 40c .15 1.40

### CHEIRANTHUS (Siberian Wallflower)

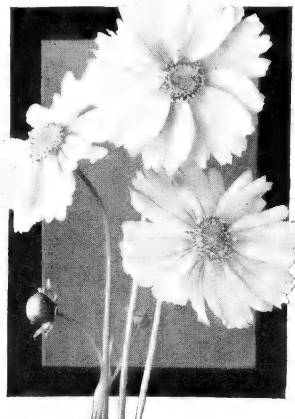
Trade pkt. Oz.

*Allionii*, bright orange-yellow. . . . . \$ .15 \$ .40  
*Golden. Bedder.* Fragrant golden yellow flowers, larger than Allioni, are borne for a long season, if faded blossoms are kept picked . . . . .25 .75  
*Linifolius (Alpine Wallflower).* 9 in. Wallflower-like blossoms of lilac. . . . . .35 1.50



CHEIRANTHUS—GOLDEN BEDDER

*Coreopsis. Lanceolata Grandiflora. Golden yellow* . . . . . 1/4 lb. \$1.00 \$ .10 \$ .30  
*Lanceolata Grand, fl. pl. Double-flowered.* .20 .90  
*Mayfield Giants. Extra large, single Golden Yellow* . . . . . .15 .60



COREOPSIS—MAYFIELD GIANT

*Candytuft Sempervirens (Hardy Candytuft)* Trade pkt. Oz.  
*White* . . . . . 1/4 oz., 60c \$ .30 \$2.25  
*Gibraltarica. Large flowers, lilac, shading to white* . . . . . 1/4 oz., 35c .20 1.25

### CARNATIONS

Trade pkt. Oz.

*Grenadin, Scarlet, double* . . . . . \$0.50  
*White double* . . . . . 1/4 oz., \$1.35 .50  
*Rose Queen. Double rose pink.* 1/4 oz., 1.35 .50  
*Black Prince. Dark Red* . . . . . .50  
*Golden Sun* . . . . . .50

### CERASTIUM

Trade pkt. Oz.

*Tomentosum (Snow in Summer).* 1/4 oz., 75c \$ .30 \$2.50

### DAISY (Shasta)

Trade pkt. Oz.

*Alaska. Large, late* . . . . . 1/4 oz., 30c \$0.20 \$1.00  
*May Queen. Very early and smaller than Alaska. More blooms to the plant* . . . . . .20 .90  
*Double Shasta Daisy. Pure white, blooms in May. Double and semi-double.* . . . . . 1/8 oz., \$2.00 .50

### DIGITALIS (Foxglove)

Trade pkt. Oz.

*Montrosa (Mammoth Foxglove), mixed* . . \$0.15 \$1.25  
*White, pink, purple* . . . . . 1/4 oz., 35c .15 1.25  
*Giant Shirley. New. Magnificent strain, enormous flowers, pure white to deep-est rose. Spikes 3 to 5 ft. high.* 1/4 oz., 35c .15 1.25

FLOWER SEEDS ARE POSTPAID



## HARDY PERENNIAL AND BIENNIAL SEEDS (Continued)



DIANTHUS BARBATUS (Sweet William)

## DIANTHUS—BARBATUS (Sweet William)

	Trade pkt.	Oz.
Scarlet Beauty.....	¼ oz., 60c \$ .25	\$2.00
Pink Beauty (Newport Pink).....	¼ oz., 60c .25	2.00
Dunnetti. Crimson .....	¼ oz., 60c .25	2.00
Purple Beauty. Br't deep purple. ¼ oz., 60c	.25	2.00
White .....	¼ oz., 60c .25	2.00
Single Mixed .....	¼ oz., 60c .25	2.00
Double Giant Flowered, mixed... ¼ oz., 60c	.25	2.00

## HYBRIDUS LATIOFOLIUS ATROCOCINEUS

Mixed. Everblooming Sweet William.....	.15	.80
Latiofolius Atrococcineus. Rich fiery scarlet crimson .....	.15	.80

## DIANTHUS (Pinks)

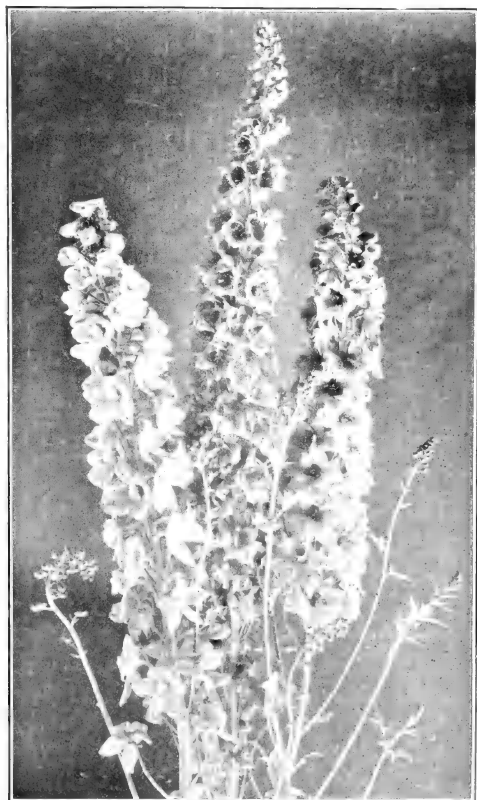
	Trade pkt.	Oz.
Dianthus Plumarius (Pheasant's Eye). Single mixed .....	\$ .25	\$1.00
Plumarius Double. Fine mixed .....		
..... ¼ oz., 60c	.25	1.80
Cyclops. Best single. Mixed.....	.25	1.25
Semperflorens. Single Mixed.....	.25	1.80
Double Mixed .....	¼ oz., 60c .25	1.80
Caesius, Cliff pink. Rose pink. Useful for rock gardens .....	.25	1.00
Deltoides, Brilliant, Rich Rose Pink .....	½ oz., \$2.50	.25
Deltoides, Erecta, Red, erect compact .....	.50	
Deltoides, Rose (Maiden Pinks) .....	½ oz., \$2.40	.25
Deltoides, Mixed, fine for rock gardens .....	½ oz., 50c	.25
Allwoodii Alpinus. It is only 4 to 6 inches high, has single and semi-double flowers and contains all the Dianthus colors. It is a perfect gem for the rock garden.....	.35	

## DIANTHUS (Continued)

	Trade pkt.	Oz.
Single Sweet Wivelsfield. Dianthus Sweet Wivelsfield (Dianthus Allwoodii x D. Barbatus.) A new hardy annual, good for borders, as a cutflower, and especially adapted for rock gardens..... ¼ oz., 25c	\$ .15	\$ .80
New Double Sweet Wivelsfield. A sensational plant—a great improvement on the original Sweet Wivelsfield, which proved such an enormous success when sent out by us some four years ago..... ¼ oz., 70c	.35	

## DELPHINIUM

	Trade pkt.	Oz.
Belladonna, Improved .....	¼ oz., 70c \$ .35	\$2.50
Bellamosum. Dark blue.....	¼ oz., 70c .35	2.50
Blackmore and Langdon's Strain, a superior mixture .....	¼ oz., 90c .50	3.00
Wrexham strain (Hollyhock Delphinium) .....	¼ oz., \$1.40	.50 5.00
Gold Medal Hybrids. Mixed.....	¼ oz., 50c .25	1.40
Pacific Hybrids. Mildew resistance, solid woody stems, fine large spikes, large flowers that will not shatter... ¼ oz., \$3.50	1.00	12.00



DELPHINIUM PACIFIC HYBRIDS

FLOWER SEEDS ARE POSTPAID

## HARDY PERENNIAL AND BIENNIAL SEEDS (Continued)

	Trade pkt.	Oz.
Forget-Me-Not (Myosotis) Alpestris. Blue	\$.15	\$.50
Alpestris. White	.15	.50
Rosea. Pink	.15	.80
Palustris Semperflorens. Excellent ever-blooming strain, bright blue. ¼ oz., 75c	.25	2.50

### GAILLARDIA

	Trade pkt.	Oz.
Grandiflora Compacta. Mixed	\$.20	\$.75

**Grandiflora**—The Dazzler—By far the largest and most attractive Giant Red Gaillardia. This new Gaillardia has been selected for brilliancy of color, size, and length of stem. The flowers, which are very large, are the rich deep red with a very bright orange tip on each petal. Most attractive for table decoration. ¼ oz., 50c

**Portola Hybrids**—These are hybrids of the well-known Portola variety, and reproduce quite satisfactorily from seed. This is red with a golden tip

Grandiflora, Burgundy. Lovely wine red flowers on long stems. ¼ oz., 60c	.25	2.00
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**Goblin. 12-15 in.** First real dwarf, covered with showy deep red flowers, yellow bordered. Flowers first year from seed. ¼ oz., 65c



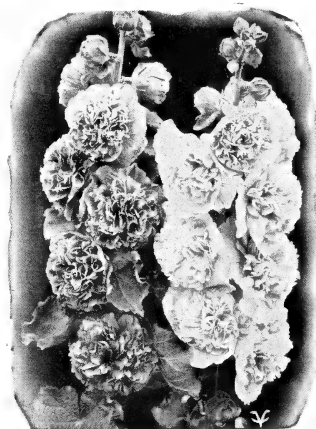
GAILLARDIA—GOBLIN

	Trade pkt.	Oz.
<b>Geum Coccineum, Mrs. Bradshaw (New)</b>		
Orange scarlet ¼ oz., 50c	\$.25	\$1.50
<b>Gypsophila. Paniculata. Single, white.</b>	.15	.35
Double Snow White. ¼ oz., 60c	.35	4.00
<b>Pacifica. New pink variety of strong growth, blooming after the Paniculata is past its best, 4 feet.</b>	½ oz., 50c	.35
Repens. Dwarf white Baby's Breath. Splendid in rockery. 4 in. ¼ oz., 40c	.25	1.35
Repens. Rose ¼ oz., 70c	.25	2.50
<b>Helianthemum mutabile (Rock Cistus, Sun Rose) various, beautiful.</b>	¼ oz., 40c	.20
Helianthemum mutabile. ¼ oz., 40c	.20	1.25
<b>Hesperis Matronalis. Purple.</b>	.15	.50
<b>Heuchera Sanguinea. Coral red ½ oz., \$1.25</b>	.50	
<b>Hibiscus. Mallow Marvels. True red or rose</b>	.20	1.75
Mixed ¼ oz., 60c	.20	1.75

### HOLLYHOCKS

	Trade pkt.	Oz.
Double Deep Rose and Crimson. New Port Pink, White, Yellow, Maroon, Scarlet.		
Each of the above ¼ oz., 40c	\$.25	\$1.20
Chater's Prize. Double Mixed. ¼ oz., 40c	.25	1.20
Single Mixed ¼ lb., \$1.50	.15	.50

**Iberis.** See Candytuft.



HOLLYHOCK—DOUBLE

	Trade pkt.	Oz.
<b>Kudzu Vine (Perennial Climbing Plant), Pueraria Thunbergiana, fragrant wistaria-like flowers</b>	\$.10	\$.45

**Larkspur (Perennial).** See Delphinium.

**Lathyrus Latifolius (Perennial Pea).**

Latifolius. Red	.20	.85
Pink Beauty	.20	.85
White Pearl	.20	.85
Mixed	.15	.75

**Lilium. Philippinense Formosanum Improved.** With protection from freezing and thawing, this is hardy in our latitude. From an early spring sowing, some will flower in late summer. Pure white under glass, some rose shading outdoors ½ oz., 50c

<b>Regale. Regale Lily. Pink outside, inside a primrose yellow</b>	.15	.65
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**Tenuifolium (Siberia).** A dainty little Lily with slender stem and grassy foliage, bearing in early June, numerous showy, glossy scarlet flowers with reflexed petals. Height 1½ feet. This Lily should be planted in a sunny situation in light, sandy, well drained soil. ¼ oz., 50c

FLOWER SEEDS ARE POSTPAID

# HARDY PERENNIAL AND BIENNIAL SEEDS (Continued)

	Trade pkt.	Oz.
<i>Leontopodium alpinum</i> (Edelweiss)..... $\frac{1}{2}$ oz., \$1.25	.35	\$
<i>Linum Perenne</i> (Perennial Flax), Blue....	.15	.40
Flavum. Fine variety with transparent, yellow blossoms. 1 ft. Fine for rockery.	.35	
<i>Lunaria Biennis Alba</i> (Honesty or Peter's Pence) .....	.25	1.00
<i>Lupinus Polyphyllus Roseus</i> .....	.15	.50
<i>Polyphyllus Albus</i> , White.....	.15	.50
<i>Polyphyllus Blue</i> .....	.15	.50
Princess Juliana, Pink .....	.15	1.00
Mixed .....	.15	.50

## RUSSELL LUPINS (Mixed Hybrids)

	Trade pkt.	Oz.
The colors are extraordinary, with many new shades never before seen in Lupins, such as self blues, pinks, reds, yellows, maroon, purples, and bi-colors like violet and white, blue and yellow, red and bronze, red and white, yellow and orange, pink and white, and others. Individual flowers are above average size, the upright standards being an inch across.		
..... $\frac{1}{4}$ oz., \$	.25	\$1.75
<i>Lychnis Chalcedonica</i> (Lamp Flower) Scarlet .....	.15	.65
<i>viscaria Splendens</i> . Bright rose-red. Very showy; 1 foot .....	$\frac{1}{4}$ oz., 50c	.25



LYCHNIS—VISCARIA—SPLENDENS

	Trade pkt.	Oz.
<i>Matricaria</i> (Feverfew)		
Matricaria Double Select (Ball's Double White). This is the only fully double flowering pure white strain of Feverfew from seed..... $\frac{1}{2}$ oz., \$1.00	.35	\$6.00
Capensis "Snowball." Double White....	.25	1.80
Golden Ball.....	.25	1.80

*Myosotis* (See Forget-Me-Not).

## ICELAND POPPIES

	Trade pkt.	Oz.
New pink shades .....	$\frac{1}{4}$ oz. 65c	.25
El Monte. A new variety of California introduction. Large flowers of deep tangerine orange. Strong, wiry stems, making an excellent cut flower.... $\frac{1}{4}$ oz., 50c	.25	
Sandford's Giant Strain. A new giant strain with blooms measuring up to 5 inches in diameter, carried on stems 2 feet long. Contains many lovely colors. ... $\frac{1}{4}$ oz. 65c	.25	
Finest Mixed. All colors .....	$\frac{1}{4}$ oz. 65c	.25

## ORIENTALE POPPIES

	Trade pkt.	Oz.
Orientele. Scarlet .....	\$ .15	\$ .80
Princess Victoria Louise. Soft salmon rose .....		
Beauty of Livermere, crimson, with black blotch, fine large flowers.....	.30	
Mrs. Perry. Salmon Rose.....		
Hybrids, new varieties, mixed. $\frac{1}{4}$ oz., 75c	.25	
<b>Salmon Shades</b> —Salmon and salmon-pink tints are a fine new development in this hardy perennial. The vigorous plants reach a height of forty inches, and the magnificent blossoms measure five or six inches in diameter. There is a wealth of bloom from spring to late summer.....	.50	
<b>Penstemon hybridus grandiflora</b> , extra fine large-flowered hybrids .....	$\frac{1}{4}$ oz., 70c	.25
Blue Gem. Fine for rock gardens. .... $\frac{1}{4}$ oz., 75c	.25	
<b>Physalis Francheti</b> (Japanese Lantern Plant), fruits very large, of striking effect	.15	.75
<b>Phlox Decussata</b> . Perennial varieties mixed. Seed germinates slowly.... $\frac{1}{4}$ oz., 85c	.25	
<b>Physostegia virginiana gigantea</b> . Of imposing appearance, up to 6 feet high; flowers very long-stalked, extra large deep crimson-rose. Excellent cut bloom	.35	
Virginiana grandiflora alba. Large flowered, white, beautiful for cutting.....	.35	
Platycodon Grandiflorum. Blue. $\frac{1}{4}$ oz., 45c	.25	1.50
Grandiflorum. White .....	$\frac{1}{4}$ oz., 45c	.25 1.50



PLATYCODON

## HARDY PRIMROSE

Excellent early spring blooming plants; hardy, though in very cold localities they should have slight protection.

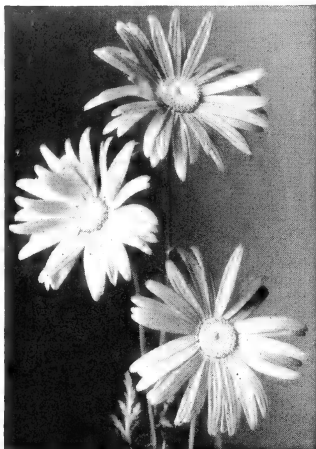
	Trade pkt.	Oz.
<i>Japonica</i> . One of the best hardy primroses for the garden; mixed colors. $\frac{1}{16}$ oz., \$1.00	.50	
<i>Veris</i> . English Cowslip. This strain includes various shades of lilac, purple and violet, as well as a wide range of buff, orange, salmon and rich reds.....	.50	
<i>Primula Auricula</i> . Beautiful low growing plants, producing quantities of flowers in various colors. 6 in. May to July....	$\frac{1}{16}$ oz., \$1.00	.50

FLOWER SEEDS ARE POSTPAID

## HARDY PERENNIAL AND BIENNIAL SEEDS (Continued)

## PYRETHRUM

	Trade Pkt.	Oz.
Single and Double Mixed, ¼ oz., \$1.50.....	\$ .50	
Atrosanguineum, dark blood red.....		
Roseum rose.....		
James Kelway. Rich velvety blood-red.....		



## PYRETHRUM

	Trade pkt.	Oz.
Salvia (Sage). Azurea Grandiflora. A hardy perennial variety producing during August and September spikes of pretty sky-blue flowers in great profusion; 3 to 4 feet.....	\$ .25	
Saponaria Ocymoides Splendens. Clouds of pink flowers.....	.15	.85
Scabiosa. Caucasica (Blue Bonnet). Valuable for cutting, as the blooms last a long time in water. Color soft lavender-blue; 3 feet.....	.35	

Silene—	Trade pkt.	Oz.
Schaffta, a very showy trailing perennial, rosy purple.....	\$ .35	\$1.80

Statice Latifolia. Blue. Fine for winter bouquets. ....		
..... ¼ oz., 60c	.25	2.25

Stokesia Cyanea (Stokes' Aster). Sky blue. ....		
..... ¼ oz., 75c	.25	2.75

Sweet William. See Dianthus Barbatus....

## Tritoma

Early Perpetual Flowering Hybrids, very free flowering, fine range of color.....	¼ oz., 50c	.25	1.75
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	Trade pkt.	Oz.
Tunica Saxifraga. A pretty tufted plant with light pink flowers, produced all summer. Useful either for the rockery or the border. 6 in. ....	¼ oz., 45c	\$ .20 \$1.50
Valeriana. Rubra. Mixed. ....	.15	.60

## VERONICA (Speedwell)

Among the prettiest of herbaceous plants, bearing in most cases blue flowers, which are much needed. Repens. 1 in. Useful carpeting plant. Blue flowers. May-June. ⅛ oz., 75c; Trade pkt., 45c.

	Trade pkt.	Oz.
Spicata. 1½ feet high. Has long spikes of bright blue flowers.....	\$ .35	\$1.85
Verbena Venosa. A creeping plant in bloom all summer. The flowers are purplish and always plentiful. Good for rock garden in warm sunny place, 2 to 3 in. ....	¼ oz., 40c	.25
Bonariensis (New). Perennial species, the slender, freely-branched stems attain a height of 4 to 5 ft. and bear numerous terminal sprays of Heliotrope flowers during July and August. ....	¼ oz., \$1.25	.35 4.25

## VIOLA CORNUTA (Tufted Pansies)

	Trade pkt.	Oz.
"Blue Gem" (Jersey Gem). Deep violet blue, with an occasional very slight variation in tint, and may be relied on to come about 70% true from seed. ....	⅛ oz., \$1.80	.50
Blue Perfection. Light blue. ....	¼ oz., 85c	.35 2.80
Arkwright Ruby. Dark crimson, scarlet. ....	¼ oz., \$1.60	.35
Apricot. Apricot yellow, tinged orange. ....	¼ oz., \$1.20	.35
Admiration. Large dark blue. ....	¼ oz., \$1.00	.35
Lutea Splendens. Golden yellow. ....	¼ oz., 80c	.35
White Perfection, flowers very large, of perfect form, pure white. ....	¼ oz., 85c	.35 2.80
Black Prince, black. ....	¼ oz., 85c	.35
Blue Butterfly. Mid-blue shading to white in the upper petals. ....	¼ oz., \$1.60	.35
Lord Nelson. Deep violet. ....	¼ oz., 85c	.35
Ilona, Wine Red.....	¼ oz., \$1.00	.35 3.75
Viola. Mixed.....	¼ oz., \$1.00	.35



VIOLA

FLOWER SEEDS ARE POSTPAID



AMARYLLIS—Giant Hybrids

## AMARYLLIS

**Giant Hybrids.**—The strain we offer is the finest strong bulbs throwing vigorous stems with from two to four gigantic blooms ranging in color from pure white grounds with varied markings of rose, red and crimson to the richest self colors as scarlet, crimson, bright red, cherry and almost maroon.

	Each	Per Doz.
3 inch		
Mixed Colors	\$.35	\$3.50
Dark Red	.50	5.50
Cream-White	.50	5.50

## RANUNCULUS

Giant Claremont Hybrids

Their brilliant lovely globular-shaped flowers are splendid cut flowers and lovely at all times. May be left undisturbed for many years. In the north, bulbs may be planted in April and May outdoors and will bloom in July and should be taken up for winter and stored dry until the following season.

This new Giant Ranunculus is far ahead of the common types. The perfectly double flowers are produced on tall, stout stems and appear in every conceivable shade of color. The blooms are many times larger. The long stems make them superb for cutting.

	Per Doz.	Per 100
In four separate colors—Yellow, Gold, Red and Pink	\$.55	\$3.50
All colors mixed	.45	3.00

## ORNITHOGALUM

(Star of Bethlehem)

	Per Doz.	Per 100
<b>Arabicum</b> —Makes a large umbel of small white flowers with black base produced on a tall spike. Hardy and very prolific in the extreme south but must be protected or forced in the north.	\$.60	\$3.75

## CALLA AETHIOPICA

(White Calla)

	Per Doz.	Per 100
Well cured California grown bulbs.		
Size 1½ to 1¾ inch	\$1.40	\$10.00

## CALLA ELLIOTTIANA

(Yellow Calla)

A desirable pot plant and a valuable cut flower.

	Per Doz.	Per 100
Size 2 to 2½ inch	\$1.40	\$10.00

## FREESIA

	Per 100	Per 1000
<b>Purity.</b> —Improved superflora. Flowers are a magnificent snowy white, of very large size and fragrance. ⅝ to ¾ inch	\$1.40	\$11.00
<b>Golden Daffodil.</b> —A great improvement over any other yellow sort, the color is rich daffodil yellow. The large flowers are borne on long, rigid stems. ⅝ to ¾ inch	1.75	13.50
<b>Rainbow Mixture.</b> —A fine mixture of all colors ⅝ to ¾ inch	1.65	12.50

## PAPER WHITE NARCISSUS

For Greenhouse Forcing or Retail Sale

	Per 100	Per 1000
We handle large size 14 to 15 ctm Florida grown bulbs, which are sure bloomers.		
Dozen, 45c	\$3.00	\$23.50
Extra large size—16 to 17 ctm	3.75	30.00

## SOLEIL D'OR NARCISSUS

(Sometimes called "Yellow Paper White")

	Per Doz.	Per 100
Bright yellow with orange cup. California grown bulbs. 16 ctm. size	\$.75	\$5.00

## CHINESE NARCISSUS

	Per Doz.	Per 100
The flowers of this variety of Polyanthus Narcissus, introduced from China, are satiny white with golden yellow cup. They are borne profusely in clusters and are very fragrant. 16 ctm. size	\$.70	\$4.50

## PEARL CHIPS

Used for bulb bowls, aquariums, Japanese gardens. Brightly polished.

**White.**—lb., 6c; 25 lbs., \$1.30; 100 lbs., \$4.00.  
**Colored.**—lb., 7c; 25 lbs., \$1.65; 100 lbs., \$5.50.

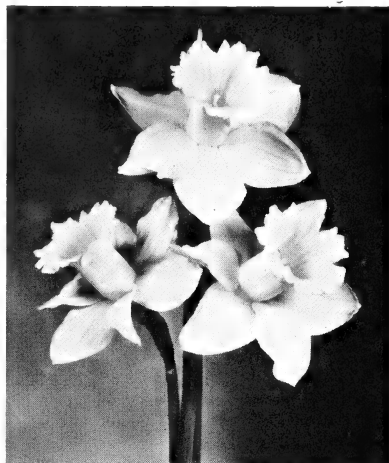
## OXALIS

	Per Doz.	Per 100
<b>Bermuda Buttercup.</b> —Yellow	.40	3.50
<b>Grand Duchess.</b> —Lavender	.30	2.50
<b>Grand Duchess.</b> —Pink	.30	2.50
<b>Grand Duchess.</b> —White	.30	2.50

# HARDY NARCISSUS (DAFFODILS)

ALL SUPERIOR GRADE AND QUALITY—GROWN IN THE STATE OF WASHINGTON

All No. 1 Round Bulbs



NARCISSUS KING ALFRED

## TRUMPET YELLOW (Large)

	Per Doz.	Per 100
<b>Emperor.</b> —A magnificent sort. The entire flower is a rich yellow trumpet of immense size and petals so broad that they overlap. \$	.70	\$5.00
<b>King Alfred.</b> —Golden yellow perianth and trumpet, the latter of beautiful form with deeply frilled mouth, large bold flower, strong grower. Round bulbs. ....	.85	6.00
<b>Aerolite.</b> —Large flower; perianth deep primrose, with a medium yellow trumpet; medium early, but remains until late. ....	1.10	8.00
<b>Golden Spur.</b> —The earliest rich golden yellow daffodil. Good for either forcing or in the garden .....	.70	4.75

## TRUMPET BICOLOR (Large)

<b>Van Waveren's Giant.</b> —This is the largest of all Narcissi; the flowers are of huge dimensions, perianth primrose with bright yellow trumpet; it is a splendid forcer. ....	1.80	13.50
<b>Spring Glory.</b> (Bicolor Trumpet).—Clear white perianth, with long petals of fine form; long trumpet of deep chrome-yellow, reflexing at the brim. A very large flower of fine character. Height 16 inches. ....	.70	5.00
<b>Empress.</b> —An old variety still deservedly popular; broad overlapping perianth with trace of gold down center of each cream-white petal; graceful trumpet of good proportions, and uniform, deep canary-yellow. ....	.95	6.50

## TRUMPET (Short) (Incomparabilis—Narcissus)

	Per Doz.	Per 100
<b>Sir Watkins.</b> —Large primrose perianth with rich yellow cup. Extra strong. ....	\$.65	\$4.00
<b>Bernardino.</b> —Perianth cream colored, the frilled and fluted cup stained deep apricot-orange at its edge. A good hardy grower which forms nice clumps in a short time. .	.70	5.00
<b>Croesus.</b> —Universally popular both for the garden and for exhibition; light canary-yellow perianth of perfect form, with outer petals nearly touching, the inner ones overlapping, opening flat; broad fluted cup of rich orange to base. ....	.70	5.25
<b>Red Cross.</b> —Famous throughout the Daffodil world; extra large, strong flower, opening flat, primrose-yellow perianth, and deep yellow cup densely frilled, of deep orange; substantial and long lasting. ....	1.40	10.50
<b>Milford-Haven.</b> —Fine flower with cream-white perianth and wide cup ruffled and deeply frilled at edge, chrome-yellow at base and shading into rich orange-scarlet. ....	1.25	7.85

## POETAZ

<b>Laurens Koster.</b> —Creamy white perianth, lemon-yellow cup, free flowering. ....	.70	4.50
<b>Cheerfulness.</b> —The double Elvira, a very pleasing double white Poetaz, good stems, a fine garden and show flower. ....	.75	5.50

## POETICUS

<b>Poeticus Ornatus.</b> —(The old Pheasant's eye). Pure white perianth, cup deep orange-red. ....	.65	4.50
<b>Alba Plena Odorata.</b> —(Double white Poeticus). Large, double, snowy white, sweet scented, gardenia-like blossoms; much prized for cutting. ....	.65	4.00
<b>Ornatus Maximus.</b> —Extremely broad overlapping petals, recurving from typical pheasant's eye cup; a larger Ornatus, unsurpassed for naturalizing. ....	.65	4.00

## DOUBLE TRUMPET

<b>Von Sion.</b> —(Double Trumpet). Golden yellow; the most popular Double Trumpet Daffodil. Height 13 inches. ....	.70	4.50
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## LEEDSII

<b>Queen of the North.</b> —Pure white, large and rich flowering .....	.75	5.50
<b>Silver Star.</b> —Broad petaled, creamy white perianth; finely proportioned, wide-mouthed primrose trumpet changing, as the flowers age, to cream-white—a shade deeper than the perianth .....	1.25	7.75

## BARRI

<b>Conspicuous.</b> —Large, broad, spreading perianth of soft yellow; short yellow cup, edged orange-scarlet. One of the most useful of all Daffodils. ....	.65	4.00
<b>Diana Kasner.</b> —A pure white perianth and a large fluted yellow cup with blood-red frill, very free flowering and an excellent forcer. ....	.70	4.75

## JONQUILS

(Narcissus Jonquilla)

	Per Doz.	Per 100
<b>Campernelle.</b> —Single, large, yellow florets, about one and one-half inches across. Fine for cutting .....	\$ .70	\$4.50
<b>Double Campernelle.</b> —Flowers fragrant, quite double, and are borne on tall, sturdy stems. ....	.70	4.50
<b>Golden Scepter.</b> —A medium sized perfectly built flower of deep Jonquil-yellow, 3 inches or more in diameter. ....	.70	4.50

## ERYTHRONIUM

<b>Erythronium (Dog's Tooth Violet).</b> —Beautiful little plants, 6 to 7 in. high, with small, Lily-like, nodding flowers in delicate tints of white, pink, cream, lavender, bright yellow and rose. ....	.65	4.00
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## CALOCHORTUS (Butterfly Tulip)

<b>Calochortus (Mariposa or Butterfly Tulips).</b> —"Mariposa" means "butterfly" in Spanish and is applied to these Tulips because the "eyes" and markings on the gorgeously colored flowers are so much like those on the wings of a butterfly. Flowers are cup-shaped and of wonderful colors, many marked with dots and pencilings. ....	.70	4.50
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## CALOCHORTUS (Globe Tulip)

<b>Calochortus (Globe Tulips).</b> —Often referred to as Fairy Lanterns; the shape of the flowers and the way they hang on the stem suggest the name. Plants are much branched and bear a number of exquisitely tinted flowers on long, leaf-wrapped stems. ....	.80	5.35
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## MUSCARI (Grape Hyacinths—Hardy)

<b>Heavenly Blue.</b> —They do very well in the wild garden and also in the grass if it is not too rank. They are nice under trees and along the borders where they may be left undisturbed .....	\$ .40	\$2.50
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## BEGONIAS

Ready in January

	Per Doz.	Per 100
<b>Tuberous Rooted Begonias, Large Flowering Type.</b> —With its bright colors, richness of foliage and easy culture it has become a favorite with the public in gardens and homes. The begonia prefers partial shade and not too warm a place where they will give best results especially in wet summers. For the cultivation in greenhouses, shade is necessary.		

<b>Begonia, Double or Single, Large Flowering Type, American Grown.</b> —Coppery, Salmon, Dark Red, Scarlet Red, Orange, White, Pink, Yellow, Mixed. 1½ in. to 2 in. ....	\$1.60	\$12.00
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## DUTCH IRIS

For planting in the garden or for forcing in the greenhouse. This year a planting was made as late as January 15, with excellent results. Bulbs ready in September.



7-8 Ctm. Bulbs

	Per Doz.	Per 100	Per 1000
<b>Jacob De Wit.</b> —Standards very dark blue, falls dark blue. A very early Iris of remarkable substance. 22 inches. ....	\$ .40	\$2.30	\$18.00
<b>Poggenbeeck.</b> —Standards and falls uniform dark blue; great improvement on Imperator. 30 inches. ....	.40	2.30	18.00
<b>White Excelsior.</b> —Uniform pure white; falls very broad, very good form and substance; very early forcer; the best white. 22 inches .....	.45	3.50	30.00
<b>Yellow Queen.</b> —Standards and falls golden yellow. Thin, wiry stems, excellent for forcing or outside, the best yellow. 28 inches. ....	.45	3.50	30.00

## WEDGEWOOD IRIS (Early Flowering)

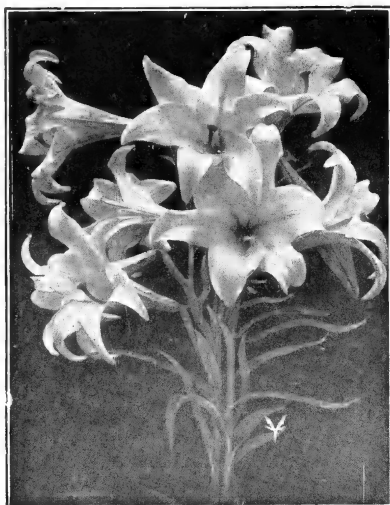
Plant in September for December flowers.

These bulbs from Washington State are becoming more popular each year on account of their earliness to bloom. If planted the last of September will often come into flower by the middle or the last of December. Large flowering Wedgewood Blue in color.

	Per 100	Per 1000
8 to 9 Ctm. Bulbs. ....	\$2.10	\$17.00
9 to 10 Ctm. Bulbs. ....	3.25	28.00

# HARDY BULBS

## HARDY LILIES



### AMERICAN GROWN LILY BULBS

#### CANDIDUM (Madonna Lily)

Bulbs Ready About Sept. 1

	Per Doz.	Per 100
Large Selected Bulbs—8 to 9 inch.....	Ask for Prices	
Mammoth Bulbs—9-10 inch.....	Ask for Prices	

#### LILIUM REGALE

(The Queen of All Lilies)

Bulbs Ready About Oct. 20

	Per Doz.	Per 100
Selected Bulbs—7 to 8 inch.....	\$1.60	\$11.00
Extra Selected Bulbs—9 to 10 inch.....	3.00	20.00

### The Bulbs Below in September and October

	Per Doz.	Per 100
HENRYII.—Rich apricot yellow lightly spotted with brown, 8 to 9 inch.....	\$3.50	\$25.00
PHILIPPINENSE FORMOSANUM. — A graceful pure white slightly marked externally with reddish brown, 5 to 6 inch...	2.00	15.00
PARDALINUM (Leopard Lily).—Rich scarlet and yellow spotted with rich brown. (Double crown) .....	3.25	
TENUIFOLIUM (Coral Lily).—Small early flowering, deep scarlet, fine in Rock Gardens, 4 to 5 inch.....	1.00	7.25
TENUIFOLIUM (Golden Gleam).—Small apricot yellow early flowering. Same type as above, 3 to 4 inch.....	1.50	10.00
TIGRINUM SPLENDENS. — Single Tiger Lily, Rich dark salmon-orange, spotted black, 7 to 8 inch.....	1.60	12.00
TIGRINUM FLORE PLENO.—Double Tiger Lily, Same color as single, 7 to 8 inch.....	1.90	14.00
UMBELLATUM.—Large heads light orange red flowers, 7 to 8 inch.....	1.75	12.00

CANADENSE—Meadow Lily. Graceful, drooping, bell-shaped, red and yellow flowers typical of our northern meadows, fine bulbs.....\$2.50

ELEGANS. Mixed Colors. The number of forms and varieties is legion, varying in color from pale lemon yellow to rich orange-brown, various tints of orange to almost red and from soft apricot to nearly crimson; varying also in flowering season..... 2.50

SUPERBUM (American Turks Cap Lily)—The color in this desirable Lily varies from pale yellow to deep crimson, more or less spotted on the inner surface of the petals. Valuable as a late-flowering Lily. .... 2.25

### JAPANESE GROWN LILY BULBS

DECEMBER 15 TO JANUARY 15

RUBRUM MAGNIFICUM.—Rich ruby carmine margined white. Will last a long time, do not all open at once, 9 to 11 inch.....Ask for Prices

AURATUM.—(Gold Banded Lily of Japan) Flowers white dotted crimson with a clear gold band running through, 9 to 11 in....Ask for Prices

### CAMASSIA (Indian Lily)

LEICHTLINI.—Hardy without protection. Blooms in late May and June. The flower-spikes grow 2 to 3 ft. high, and bear many star-shaped flowers 1½ in. across in shades of blue, ranging from lavender-blue to deep purplish blue. ....\$ .75 \$5.50

## Hardy Amaryllis (Hallii) Magic or Resurrection Lily



HARDY AMARYLLIS

Beautiful lily-shaped flowers three to four inches across and from eight to twelve in number, of a delicate lilac-pink shades with clear blue. As the bulb is perfectly hardy without any protection it can be planted either in the Fall or Spring, but we consider Fall best. Cover the crown about four inches .....\$ .45 \$4.80



# TULIP BULBS



## COTTAGE TULIPS

May Flowering

	Per 100	Per 1000
<b>Carrara.</b> —25 in. Hybrid. The perfect white. Flower is of good size and heavy substance, has white base, and the stamens are yellow. Very long lasting in the garden....	\$6.00	\$55.00
<b>Inglescombe Yellow.</b> —28 in. Glossy canary yellow, large globular flower of perfect form. Often bedded with the Darwins, which it resembles.....	6.00	55.00

## SINGLE EARLY TULIPS

April Flowering

	Per 100	Per 1000
<b>Cramoisie Brilliant.</b> —12 in. Deep crimson, with large black center.....	\$6.00	\$55.00
<b>Kaiser Kroon.</b> —16 in. Deep red, with broad orange-yellow margin .....	\$7.00	\$62.50

ALL 11½ to 12½ CTMS. TOPSIZE BULBS  
Packed 300 bulbs in a bag. Bag lots take the 1000 price

We have arranged for tulip bulbs grown in England by Hollanders this year, which should be on hand the last of September. These bulbs are grown in the Lincolnshire District, which soil and climatic conditions are very similar to those in Holland. After all, these Hollanders KNOW HOW to grow bulbs, and it is our opinion that we will have the best quality bulbs this year since the war started. Of course there is danger in shipments not arriving and we cannot guarantee delivery, but we understand other merchandise is coming over.

## DARWIN TULIPS

May Flowering

	Per 100	Per 1000
<b>Afterglow.</b> —25 in. Deep rosy orange, with salmon shading at edges of petals; inside deep orange with yellowish base.....	\$6.00	\$55.00
<b>Bartigon.</b> —24 in. Carmin crimson with pure white base .....	6.00	55.00
<b>Clara Butt.</b> —21 in. Bright rose.....	6.00	55.00
<b>La Tulip Noire.</b> —28 in. Dark maroon-black, the blackest of all tulips.....	6.00	55.00
<b>Mr. Farncombe Sanders.</b> —25 in. Flowers of very large size, of an effective rich geranium-scarlet .....	6.00	55.00
<b>Pride of Haarlem.</b> —25 in. Brilliant, deep salmon-rose shaded scarlet, light blue base...	6.00	55.00
<b>Princess Elizabeth.</b> —26 in. Clear rose pink edged silvery pink, white base.....	6.00	55.00
<b>Professor Rauwenhof.</b> —28 in. Full cherry-rose, with ivory-white and blue star at base; flower of enormous size; very tall..	6.00	55.00
<b>William Pitt.</b> —24 in. Very deep crimson, showing slight purple shade.....	6.00	55.00
<b>William Copeland.</b> —25 in. Dainty rosy lilac, flushed blue, bluish white base. Large flower of perfect form, is far superior to most Tulips known in this shade. Highly recommended. ....	6.00	55.00
<b>Yellow Giant.</b> —A golden yellow Tulip of great beauty and size, large flower with black anthers. Tall and strong stem. This is one of the best of the several yellow varieties which are offered. Highly recommended...	6.00	55.00
<b>Darwin Mixed.</b> —An extra fine mixture in many pleasing shades and colors.....	5.75	52.50

## BREEDER TULIPS

May Flowering

	Per Doz.	Per 100
<b>Bronze Queen.</b> —28 in. Soft buff, inside tinged golden-bronze .....	\$ .85	\$6.25

## PARROT TULIPS

May Flowering

	Per Doz.	Per 100
<b>Fantasy.</b> —A sport from the well-known Darwin, Clara Butt, which has taken on a Parrot form. This is an exceedingly beautiful Tulip of glistening pink color, shaded with orange and pink on the wide ragged petals. The flowers are stained with brownish green on the outsides. It is a vigorous, tall-growing variety, producing very large flowers .....	1.00	7.50

# Wholesale Price List of High Grade

# GARDEN SEEDS

## For Fall and Winter Planting

**WE SELL ONLY THE BEST**

The cost of the seed is the smallest expense in the growing of your crop. Therefore, the best seed is the profitable seed.

### Prices on Cabbage

	Oz.	¼ lb.	Lb.	5 lbs. per lb.
Early Jersey Wakefield.....	.25	\$.65	\$2.00	\$1.90
Marion Market .....	.30	.75	2.50	2.40
Copenhagen Market .....	.30	.75	2.50	2.40
Golden Acre .....	.30	.85	2.75	2.65
Steins Early Flat Dutch.....	.25	.65	2.00	1.90
Mammoth Rock Red .....	.30	.75	2.50	2.40
Large Late Flat Dutch.....	.25	.65	2.00	1.90
Drumhead Savoy .....	.30	.75	2.50	2.40
Wisconsin All-Season (Yellow Resistant) .....	.30	.75	2.50	2.40
Wisconsin Hollander No. 8 (Yellow Resistant) .....	.30	.75	2.50	2.40

### CHINESE CABBAGE

	Oz.	¼ lb.	Lb.	5 lbs. per lb.
Wong Bok .....	.35	\$.75	\$2.50	\$2.40
Chihili .....	.35	.75	2.50	2.40

### CAULIFLOWER

	¼ oz.	¼ oz.	½ oz.	Oz.
Super Early Snowball.....	\$.65	\$1.10	\$1.75	\$3.00

### EGG PLANT

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Black Beauty .....	\$.35	\$.90	\$3.00	\$2.90

### ENDIVE

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Green Curled .....	\$.10	\$.30	\$.75	\$.70
Broad Leaf Batavian .....	.10	.30	.75	.70

### KALE OR BORECOLE

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Dwarf Green Curled.....	\$.10	\$.35	\$2.50	\$2.40

### LETTUCE (Cabbage or Heading Variety)

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Iceberg .....	\$.10	\$.30	\$.85	\$.75
Cos Lettuce .....	.10	.30	.85	.75
Big Boston .....	.10	.30	.85	.75
New York .....	.10	.40	1.25	1.15

#### (Curled or Loose Leaf Varieties)

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Grand Rapids .....	\$.10	\$.30	\$.85	\$.75
Early Curled Simpson .....	.10	.30	.75	.70
Black Seeded Simpson .....	.10	.30	.75	.70
Early Prize Head.....	.10	.30	.75	.70

### MUSTARD

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Southern Giant Curled.....	\$.10	\$.20	\$.60	\$.55
Brown or Black .....	.10	.20	.60	.55
White .....	.10	.20	.45	.40
Mustard Spinach (Tendergreen).....	.15	.20	.60	.55

### PEPPER

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Chinese Giant .....	\$.35	\$.75	\$2.50	\$2.25
Improved Bull Nose, or Sweet Mountain .....	.30	.70	2.25	2.00
Long Red Cayenne .....	.35	1.00	3.50	3.25
Small Red Cayenne .....	.35	1.00	3.75	3.50
Tobasco .....	.45	1.25	4.25	4.00
Pimento .....	.30	.85	3.00	2.75
World-Beater .....	.30	.75	2.50	2.25
Hungarian Yellow Wax.....	.40	1.25	4.00	3.75
California Wonder .....	.30	.85	3.00	2.75
Ruby King .....	.35	.70	2.50	2.25

### RADISH

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Scarlet Turnip White Tipped..	.10	\$.20	\$.60	\$.55
Vick's Scarlet Globe.....	.10	.20	.60	.55
Crimson Giant Turnip.....	.10	.20	.60	.55
French Breakfast .....	.10	.20	.60	.55
Early Scarlet Turnip.....	.10	.20	.60	.55
Icicle .....	.10	.20	.60	.55

#### (Winter Varieties)

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Rose China Winter .....	\$.10	\$.20	\$.60	\$.55
Round Black Spanish.....	.10	.20	.60	.55

### SPINACH

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Bloodsdaie Reselected.....	\$.10	\$.15	\$.50	\$.45
Round Thick Leaf.....	.10	.15	.50	.45

### TOMATO

Best New Jersey seed grown by a Tomato specialist.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Bonney Best, Certified .....	\$.35	\$.90	\$3.00	\$3.00
Break O'Day, Certified.....	.40	1.20	3.75	3.00
Chalk's Early Jewel.....	.35	.90	3.00	3.00
Early Detroit .....	.40	1.25	3.75	3.00
Pritchard .....	.35	.90	3.00	3.00
Red Head .....	.30	.70	2.15	2.15
Sparks Earliana .....	.35	.90	3.25	3.25
Stokesdale, Certified .....	.35	1.00	3.50	3.50
Bo-Kay .....	1.00	3.00	10.00	10.00
Crimson Cushion or Beefsteak.....	.35	.90	3.00	3.00
Grothen's Globe .....	.35	.90	3.00	3.00
Greater Baltimore .....	.30	.75	2.50	2.50
Golden Ponderosa .....	.50	1.65	5.50	5.50
Marglobe Certified Stock.....	.35	.90	3.00	3.00
Michigan State Forcing..... ½ oz., 45c	.75	2.25	8.00	8.00
New Stone, Improved.....	.30	.75	2.25	2.25
Ox Heart .....	.65	2.15	7.50	7.50
Ponderosa .....	.45	1.45	4.50	4.50
Rutgers .....	.35	.90	3.25	3.25

#### Dwarf Varieties

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Improved Dwarf Stone.....	.40	1.25	3.75	3.75
Dwarf Ponderosa .....	.45	1.45	4.75	4.75

#### Small Fruited Varieties

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Red Cherry .....	.50	1.65	5.50	5.50
Yellow Pear .....	.50	1.65	5.50	5.50
Yellow Plum .....	.50	1.65	5.50	5.50

### TURNIP

	¼ lb.	1 lb.	5 lbs. per lb.
Purple Top White Globe.....	\$.10	\$.35	\$.30
White Egg .....	.10	.35	.30
Purple Top Strap Leaf.....	.10	.35	.30
Seven-Top, or Forrester.....	.10	.35	.30
Cow Horn .....	.10	.35	.30
10 lb. Lots—Per lb.....	\$.28		
25 lb. Lots—Per lb.....	.25		
100 lb. Lots—Per lb.....	.20		

# GREENHOUSE AND GARDEN SUPPLIES

**TROWELS.**—Common, each, 20c; medium weight, 35c; all steel with solid shank, \$1.00 each; 3 for \$2.85.



## WEEDER AND MULCHER (24-Inch Handle)



Tempered steel, 3 prongs; 24-inch handle; 90c; 3 for \$2.55.

**EUREKA WEEDER AND MULCHER.**—The best little hand weeder that we know of for loosening soil around plants. Thin forged steel finger. 6-inch handle. Each, 65c; 3 for \$1.80.



**JACKSON HOE.**—A small hand weeder, triangular shape. Each, 65c; 3 for \$1.80.



## TREE SCRAPER

For scraping a band around trees in preparation for applying tree tanglefoot.

Each, \$1.10; 3 for \$3.00.

## NURSERYMAN'S SPADE

(Sharpshooter)



14 in. narrow blade spade used by nurserymen and gardeners. Each, \$1.95; 3 for \$5.70.

## SOD LIFTER ("True Temper")



Solid forged steel blade of fine quality. 18-inch shank, 32-inch handle; blade 4 1/4 inches by 9 inches. No. 1—Each, \$2.35; 3 for \$6.90.

**GRASS EDGER.**—4-ft. handle, steel blade. Each, \$1.15; 3 for \$3.30.

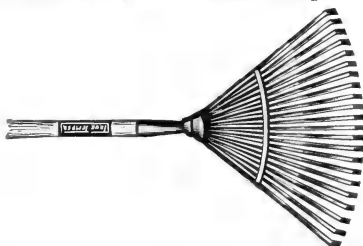


## LAWN EDGER (Planet Jr., No. 2)



Also for edging flower beds and borders. Cutting disc of tempered steel and well sharpened. Each, \$2.00.

## BRUME RAKE ("True Temper")



No. FBR. Flat flexible spring steel teeth. 22 teeth, 19 in. wide, 3 1/2 ft. handle. Each, \$1.15; 3 for \$3.30.

## LAWN AND WATER GRASS RAKES

(New Style)



No. LDR.—15 in. width, 5 1/2 ft. handle. Each, \$1.20; 3 for \$3.45.

## HANDY SEEDER

Will sow seeds up to sweet pea size. Scatter seeds evenly and individually to prevent crowding of seedlings. Each, 75c; 3 for \$2.10.



## SEED SOWER ("Cyclone")

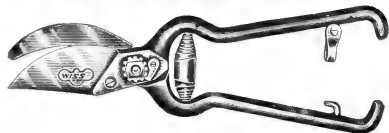
Sow all varieties of farm seeds such as clover, alfalfa, oats, rye, wheat, lawn grass, etc., and can be regulated any amount per acre. The bag holds about 1/2 bushel of seed. It is easily operated. Wt. 4 lbs. Price each, \$2.00.



# PRUNING SHEARS AND KNIVES

## WISS SHEARS

### WISS PRUNING SHEARS



No. 309V

No. 68—8 inch malleable handles, pressure spring, steel blades, each \$1.00.

No. 309V—For cutting power, mechanical perfection, and ease of operation, the No. 309V pattern is unequalled in the medium priced pruners. Extra thin hammer forged blades with wide bevel. All parts replaceable. Length 9 in. Each, \$2.95.

No. 109V—Marvelous pruners with remarkable strength. Will outlast a dozen ordinary pruners. Have replaceable hardened cutlery steel blades. Length 9 in. Each, \$3.95.

### WISS HYPOWER PRUNER



No. 908

Hy-Power Pruners for heavy duty. The easiest cutting pruner of its size. Oversized hardened steel bolt and nut gives longer wearing qualities. Light in weight, with a comfortable non-pinching grip and convenient thumb lock, it is much less tiring to use. Nickel finish with bronze anvil and phosphor bronze spring. Each, \$2.00.

### WISS LOPPING SHEARS



No. 20X26B—Professional lopping shears for vine pruning. Designed and approved by leading experts. Forged from tempered alloy steel to withstand severe use. Selected ash handles. Welded steel ferrules. Each, \$2.60.

### FLORIST SNIP



7½ in. over all and made of best steel. Will cut wire or stems. Excellent for all around work.

Each .....\$1.75

## NEW SHOCK-PROOF STEEL HANDLE WISS HEDGE SHEARS



### Rubber Bumper Prevents Arm Shocks

The rubber shock-absorber arrangement, which is a new Wiss development, prevents that nerve-jarring shock on the arms which is so tiring. The improved longer handle grips are designed for users who prefer to hold the shears nearer the blades while cutting. They are beautifully balanced and cut easily—with serrated cutlery steel blade to prevent twigs slipping. 8 inch, each, \$3.00; 9 inch, each \$3.25.

### PRUNING KNIFE



R-708

ROSEWOOD HANDLE; Steel Lining and Bolsters; Glazed Blades.

Length, closed, 3⅝ inches.

Weight, per dozen, 2¼ lbs.

Each, \$1.50; 3 for \$4.25.

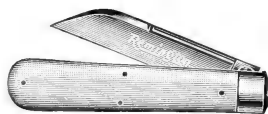
### BUDDING KNIVES



R-4495

Pyremite Handle; Brass Lining; N. S. Trim; Glazed Blades. Length, closed 3⅝ inches. Weight, per dozen 1¼ lbs. Each, \$1.10; 3 for \$3.10.

### GRAFTING KNIVES



R-1005W

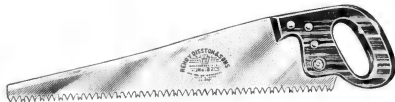
Pyremite Handle; One Blade, Large Sheepfoot, Blue Glazed and Etched, Polished Steel Bolster, Rivets and Lining. Length, closed, 3¾ inches. Weight, per dozen, 1½ lbs. Each, 60c; 3 for \$1.70.

**PRUNING SAWS**

No. 4—Diston. Duplex Pruner—Double Edge. 18-inch.  
Each, \$1.85; 3 for \$5.25.

**No. 55—Pole—Diston Tree Pruner**

12-inch blade. Complete as above. Each, \$3.50; 3 for \$10.20.  
Blades—Separate. Each, \$1.50.

**No. 32—Diston Pruning Saw**

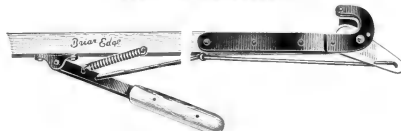
20-inch blade. One inch at point and five inches at butt.  
Hardwood handle. Each, \$3.00; 3 for \$8.60.

**GRASS SHEARS (Wiss No. 801)**

No. 801—Each, 90c; 3 for \$2.55.

**GRASS SHEARS (Wiss No. 5600R)**

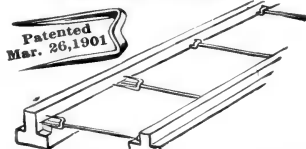
Each, \$1.60; 3 for \$4.65.

**TREE PRUNERS**

Very popular tree pruner operated by a lever connected to the blade by a very strong wire. Easily cuts 1-inch branches. A practical, serviceable pruner made from strictly high quality material throughout. Following sizes are carried in stock: 8 feet long, complete, each \$2.45. 10 feet long, complete, each \$3.00. 12 feet long, complete, each \$2.70.

**GLAZING TOOLS, MATERIALS****PEERLESS GLAZING POINTS**

"PEERLESS" GLAZING POINT.  
(Improved Van Reyper.)



Galvanized; once used, always used. The Peerless Glazing Point is the only perfect Point known. The latest improvement is that both points are beveled on top and will hug close to glass when driven. Two sizes: No. 2, for medium double thick glass; No. 2½ for large double thick and skylight glass. Price per 1,000, 65c; 5,000, \$3.00; 10,000, \$5.50.

**GLAZING POINTS, ZINC CITY**

These Points can be driven right or left on any size or thickness of glass. The offset head makes them easy to drive or extract, and absolutely prevents glass from slipping. Made from pure zinc. Put up in one-pound packages, ¾-inch, 1300 to lb., 7/8-inch, 1200 to lb. Lb., 50c; 5 lbs., \$2.25; 20 lbs., 40c per lb.

**PUTTY BULB**

A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each \$1.35. If by mail (weight under 1 lb.)

**Peerless Glass Repair Clamp for Greenhouse Roof**

Simple device for repairing broken greenhouse glass. Easily adjusted from inside of house—saves labor, coal and glass. If applied as soon as crack is noticed, the pane is strong as before and will not sag or drop out. Price, box of 100 Clamps. Ask for Price

**STEELCOTE GREENHOUSE PUTTY**

Color—Gray. Gun Grade

Is waterproof, will not shrink or crawl. Resists extreme temperatures and moisture, adheres instantly to glass, metal or wood. A full stream from a glazing gun will cover about 350 lineal feet per gallon. Packed in the following size cans and drums.

	Per Gal.
1 gal. can .....	\$2.20
5 gal. pail .....	2.10
20 gal. drum .....	2.05
35 gal. drum .....	2.00
60 gal. drum .....	1.95

**GLASS CLOTH**

Ideal for hotbeds. Much cheaper than glass. Admits violet rays. Plants grow hardier and transplant better. Comes in 25 yd., and 50 yd. rolls, 36 in. wide.

Per yard .....	\$ .25
25 yard roll.....	Per yard., .24
50 yard roll.....	Per yard., .23

**GLAZING GUN**

For Steelcote Glazing Compound.  
Quick and easy to operate.  
Each.....Ask for Price

# GREENHOUSE AND GARDEN SUPPLIES

## CANE PLANT STAKES

	Per bale of 2000	Per 100	Per 1000
<b>Dyed Green—2000 per bale</b>			
1½ ft. ....	\$ 7.95	\$ .80	\$ 4.10
2 ft. ....	9.75	1.20	5.75
3 ft. ....	13.90	1.75	7.40
3½ ft. ....	14.85	2.05	8.25
4 ft. ....	16.95	2.25	8.95
<b>Natural Color Only</b>			
6 ft. ....	26.95	2.95	14.75

## GARDEN STAKES (Cypress)

Dense Virgin Cypress stakes will last from year to year for supporting dahlias and heavy plants.

	Per Doz.	Per 100
¾ x ¾ in. x 3 ft. ....	.65	\$4.25
1 x 1 in. x 4 ft. ....	.85	5.60
1 x 1 in. x 5 ft. ....	.90	6.00
1 x 1 in. x 6 ft. ....	1.00	6.75

## ARROW WIRE PLANT STAKES

Arrow Wire Stakes are made with a patented support on the end going into the ground for holding the stake in place. Also a loop on the top end for holding to plant. They are made in three sizes:

	Per Doz.	Per 100
No. 1122L—20 in. long, 2¼ in. loop. ....	\$.70	\$5.50
No. 1134L—30 in. long, 3 in. loop. ....	.85	6.50
No. 1136E—25 in. long, ¾ in. loop. ....	.70	5.50

## "TWIST-EMS" (The New Handy Plant-Tie)



Place "Twist-ems" around stem and support

Twist ends between finger and thumb

In a "flash" stem is securely tied

A green plant tie, made of waterproof paper with a wire run through the center, is ¼ in. wide and comes in 4 in., 8 in. and 16 in. lengths. Is pliable, quick and easy to twist around the plant. Holds fast and at the same time does not cut.

	4-inch Per 1,000	8-inch Per 1,000	16-inch Per 1,000
1,000 lots .....	\$.95	\$1.25	\$2.25
5,000 lots .....	.90	1.10	2.00
25,000 lots .....	.85	1.00	1.90
100,000 lots .....	.70	.95	1.80
Packed 5,000 to Package			

## COTTON TWINE

4 Ply—5 lb. Package. .... Each \$2.95

## JUTE TWINE

2 Ply—½ lb. Balls. Per lb. .... \$ .40  
50 lb. Bale (many ends) Per lb. .... .33

## RAFFIA

In its natural color it is a light straw. The natural Raffia is used for tying up plants in field or greenhouse. 1 lb., 80c; 10 lb. lots, per lb., 75c; 25 lb. lots, per lb., 70c.

## GRAFTING WAX



Per ¼-lb. bar, 20c; ½-lb. bar, 35c; 1 lb., 60c; 5-lb. pkg., \$2.50.

## NURSERYMAN'S TAPE (Medicated)

For Budding, Grafting and Tree Surgery. Each roll contains 60 yards. Packed in individual boxes. ½-inch width, per roll, 80c.

## DURATEX WATERPROOF TREE WRAP



Protect the trunks of newly planted or transplanted fruit and shade trees against frosts, sun scald, borer attack and rodents. Easily applied, Duratex adjust itself smoothly to the contour of tree trunks and expands to accommodate yearly growth. To economically and completely protect tender tree trunks wrap with Duratex from crown to ground.

### Price per Roll (4 in. Width, 8 in. Diameter)

Rolls contain 155 lineal feet and weigh about 2½ lbs.

	Per Roll
1 to 9 Rolls. ....	\$.50
10 to 24 Rolls. ....	.45
25 to 49 Rolls. ....	.40

## FLORIST'S MOSS

### Sphagnum Moss

Bright, Clean, New Growth, free from Brush or Grass. Burlapped Bales. Single bales, \$1.65. Write for prices on larger quantities.

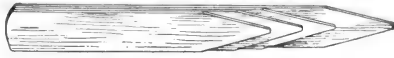
Green Sheet Moss, for windows, baskets, etc., per bale, \$1.40; 5 bales, \$1.35 per bale.

Above prices subject to change without notice.

# GREENHOUSE AND GARDEN SUPPLIES

## LABELS (Pot and Tree)

Five Per Cent Discount on 5,000 Lots  
Pot Labels

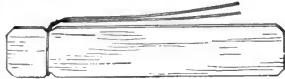


	Plain		Painted	
	Per 100	Per 1000	Per 100	Per 1000
Wooden, 5/8-in. wide				
4-inch, 1000 in box...	\$ .23	\$1.80	\$ .27	\$2.20
5-inch, 1000 in box...	.28	2.00	.32	2.40
6-inch, 1000 in box...	.32	2.20	.37	2.70
8-inch, 500 in box...	.38	3.00	.43	4.00
10-inch, 500 in box...	.45	4.00	.48	5.00
12-inch, 500 in box...	.55	5.00	.70	6.00

## GARDEN LABELS

8 and 10 inch packed 250 in box, 12 inch 100 in box

	Plain		Painted	
	Per 100	Per 1000	Per 100	Per 1000
8-inch— 7/8 in. wide..	\$ .60	\$5.00	\$ .75	\$6.00
10-inch— 7/8 in. wide..	.75	6.00	.85	7.00
12-inch—1 1/8 in. wide..	.90	8.00	1.15	10.00



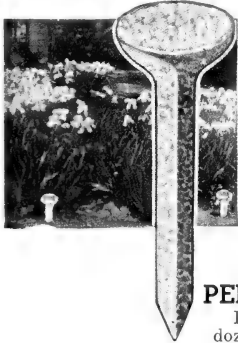
## WOOD LABELS (Wired)

1000 in a Box.  
5/8 in. wide—3 1/2 in. long.

Plain—Per 100, 30c; per 1,000, \$2.00; 5,000, \$1.90 per 1,000.  
Painted—Per 100, 35c; per 1,000, \$2.50; 5,000, \$2.40 per 1,000.

## COPPER WIRED LABELS

No. 2720—5/8 in. by 3 3/4 in. A permanent copper label with a copper wire, will last indefinitely. Packed 100 in a box. Per box. \$1.35; 3 for \$3.90.



## GARDEN MARKER

Nine-inch plant labels with three-by-one inch space for plant name at the top. Metal ink or waterproof pencil may be used. The finest label on the market. Made of heavy galvanized iron.

	Doz.	100
9 in. ....	\$ .60	\$3.75
Metal Ink, bottle.....		.30c
3 for .....		.85c

## PENCILS (Weather-Proof)

For marking labels. Each, 10c; dozen, 90c.

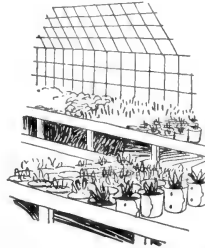
## ELECTRIC PENCIL

Burns letters into wood labels. Easy as writing with a pencil. Will NOT rub off, wash off, or fade out. Complete with 5-ft. cord and plug, \$1.35



## NEPONSET PAPER POTS

### RED POTS



A waterproof pot that can be used for growing plants, especially in greenhouses where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

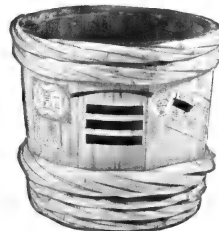
	Per 100	Per 1000	Packed for Shipment in cases	Wt. per case
2 inch.....	\$ .50	\$ 3.90	1,000 Pots,	10 lbs.
2 1/4 inch.....	.50	4.00	1,000 Pots,	12 lbs.
2 1/2 inch.....	.55	4.25	1,000 Pots,	16 lbs.
3 inch.....	.60	5.15	1,000 Pots,	25 lbs.
4 inch.....	.95	8.25	500 Pots,	23 lbs.
5 inch.....	1.30	11.50	500 Pots,	37 lbs.
6 inch.....	1.70	15.50	500 Pots,	51 lbs.

## FLOWER TUBS ("Richmond Style")



These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge of 35c per pair.

	Inside Top Diameter	Depth	Price, Each	Per Doz.
No. 1.....	6 in.	6 in.	\$ .70	\$ 7.80
No. 3.....	8 in.	8 in.	.85	9.00
No. 5.....	10 in.	9 in.	1.00	11.40
No. 7.....	12 in.	11 in.	1.30	15.00
No. 9.....	14 in.	13 in.	2.00	23.00
No. 11.....	16 in.	15 in.	2.25	26.00
No. 13.....	18 in.	17 in.	3.25	38.00



## CHINESE TUBS

Made very sturdy and strong. One size only. Top diameter 12 in. inside. Depth, 10 in. Each, \$1.00; Dozen, \$11.50.

## SOIL THERMOMETER



No. 5891—16 in. Soil Thermometer, hard wood frame, oxidized brass scale, mercurial filled tubes, graduated approximately from 20 to 180° F., with improved mercury filled strong metal turned point, making good contact with soil and thermometer bulb. Standard quality. Each, \$3.50.

## FLAT SPRAY OR FLARING ROSE SPRINKLERS



Makes a wide flat spray, ideal for all kinds of sprinkling, especially gardens, flowers and delicate foliage. Heavy cast brass body. Sprinkler face is approximately  $\frac{7}{8}$  inch by  $5\frac{1}{4}$  inches.  $\frac{3}{4}$  inch hose thread. With shut-off. Ask for Price.

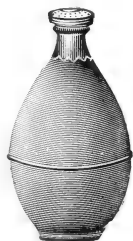
## "HOTHOUSE" SPRINKLERS (No. 3604)

Wrought brass. Medium weight for  $\frac{3}{4}$  inch coupling. 4-inch face. Each, 75c; 3 for \$2.10.



## SCOLLAY'S FLORISTS' SPRINKLER

None better for floral work. Made from best quality of rubber and will outwear any other Sprinkler in the market. Large size, plain top, No. 1, 6 in. high, each, \$1.35.



## WATERWAND

Here's the New, Better Way to Water!

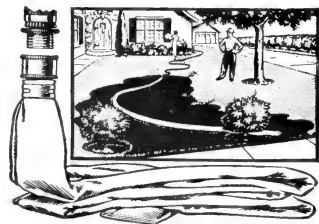


Irrigate the scientific, economical way with Waterwand. Nurserymen, horticulturists and home gardeners everywhere will testify to the many merits of this better watering device. A Kansas City grower of pot plants said, "We use two of these in our greenhouses and they are the finest thing for watering plants in a greenhouse that we have ever used."

Waterwand's 52-inch length enables you to reach the back of deep beds. Weighs about a pound. Attaches to the end of your garden hose. Each, \$2.25; 3 for \$6.50.

## SOIL SOAKER

Made of Canvas Treated to Resist Mildew



Soil-Soaker, open only at one end, screws to the end of the water hose, replacing the nozzle or sprinkler. When the water is turned on, Soil-Soaker fills with water—and normal pressure forces water through the pores of the entire surface

of Soil-Soaker, uniformly, without spray. Easily moved without shutting off water, or getting wet. Self cleaning.

Made in Four Sizes

No. 0—12 ft. long.....each, \$1.20; 3 for \$ 3.30  
No. 1—18 ft. long.....each, 1.70; 3 for 4.75  
No. 2—30 ft. long.....each, 2.75; 3 for 7.90  
No. 3—50 ft. long.....each, 4.40; 3 for 12.85

## TANK SPRAYER NOZZLE

Auto Pop Nozzle No. 460



Nozzle complete for Auto Tank Sprayers. Each, \$1.25; 3 for \$3.60.

## AUTO-NOZZLE



(Fig. 434). This is our patented standard nozzle for use with the Auto-Spray. It is light weight, will throw a very fine spray under low pressure, and is a real clog proof nozzle. Each, 55c; 3 for \$1.55.

## PERFECT CLINCHING HOSE COUPLER



Coupler  $\frac{3}{4}$ -inch. Per set, 40c.

## HOSE MENDERS (Clincher Type)



The steel fingers of the "Bull Dog" Mender are scientifically designed to grip the hose without injury to the fabric, and when properly applied, are sure to hold the ends of the hose in position.  $\frac{3}{4}$  inch, Each, 12c; Doz., \$1.35.

## HOSE MENDERS ("Cooper")

$\frac{3}{4}$  in. .... Each, \$ .12; Doz., \$1.25  
1 in. .... Each, .15; Doz., 1.50

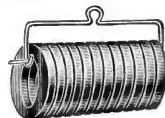
## HOSE CLAMPS (Bull Dog)

For  $\frac{1}{2}$ ,  $\frac{3}{8}$ ,  $\frac{3}{4}$  inch hose. Galvanized Steel. Per dozen, 60c.



## HOSE WASHERS (Rubber)

Very tough and durable,  $\frac{5}{8}$  in. and  $\frac{3}{4}$  in. Per doz., 15c; per lb., 65c.



## SPRAY PUMP HOSE

Special Hudson high pressure,  $\frac{3}{8}$  inch hose for sprayers.  
Per foot..... Ask for Price  
25 feet—per ft..... Ask for Price



## SPRAYERS

Standard Liquid and Powder Sprayers

### AUTO SPRAY No. 4

Pump Tank Sprayer—"Open-Hed"

**TANKS:** Heavy galvanized steel or copper—brass alloy. Top opening 5 inches diameter.

**SHUT-OFF VALVE:** All brass.

**HOSE:**  $\frac{3}{8}$ -inch, 5-ply Spray Hose, 20 inches.

**EXTENSION:** Seamless brass, 24 inches.

**NOZZLE:** Screen, non-clog swivel.

**No. 3—3-gallon capacity—**

Galvanized Steel ..... Each \$6.40

Copper-Brass ..... Each 9.25

**No. 4—4-gallon capacity—**

Galvanized Steel ..... Each \$7.00

Copper-Brass ..... Each 12.00



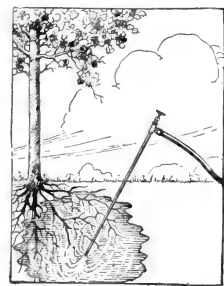
### INSECT-O-GUN

Water Pressure Does the Rest



The "Insect-O-Gun" gets BOTH its water and power supply from your garden hose. You place the concentrated insecticide in the jar, attach the hose to the gun handle, and turn on the water at the tap. Then you pull the trigger and the "Insect-O-Gun" throws out a powerful, wide-angle fan spray. Holding the convenient pistol grip, you play the spray over a wide area from one position.

Universal Gun—2-gallon capacity..... Ask for Price



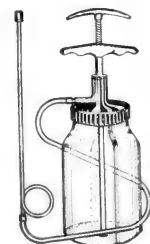
**For Orchards, Citrus Groves, Etc.:** Substitute parts for converting to Heavy Duty Model.

Total cost of conversion, only \$1.00!

### TREE IRRIGATOR

For watering the roots and developing and guarding the life of trees, shrubs and plants. In two minutes time the tree or shrub receives directly at their roots more water than could be secured by two hours of surface soaking.

Each, \$2.00; 3 for \$5.70.

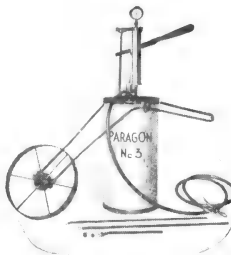


### PUMP-A-SPRAYER

This sprayer fits on to any 1 or 2 quart mason jar. Is made for spraying tender and smaller plants. Also handy for spraying cut flowers being packed in boxes. Each, \$2.00; 3 for \$5.75.

### PARAGON SPRAYER

The Sprayer for Florists



#### Standard Equipment

1 Brass Straight Spray Nozzle

1 Brass Mist Spray Nozzle

10 Feet Special Spray Hose

7½ Ft. Spray Pipe in 3 Sections

1 Steel Spray Nozzle for White-wash.

Capacity, 12 gallons—Shipping weight 60 pounds. Width of truck 15 inches.

No. 3 Sprayer without truck ..... Each \$21.95

No. 3 Sprayer with truck ..... Each 25.95

No. 3 Sprayer with truck and air pressure gauge. Ea. 28.45

Freight Prepaid

### SHADING SYRINGE—No. 11



Combination Syringe and Spray—all brass. Includes one stream and two sprays. No. 11, 18 inches. Ask for Price.

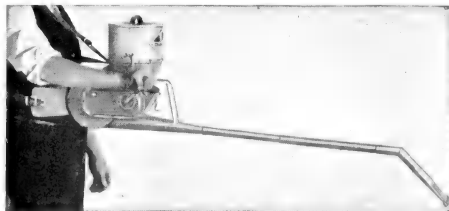
### DUST SPRAYERS

#### FEENY MODEL D 2-Qt. DUSTER



It is 50 inches long, enabling the operator to dust the undersides of the lowest-growing plants without stooping. Each, \$2.75; 3 for \$7.95.

#### D & B CRANK DUSTER



No. 100— 5 lb. capacity. Each ..... \$10.00

No. 200—10 lb. capacity. Each ..... 11.50

We carry at all times washers and extra parts for Auto Sprayers which are listed above.

# INSECTICIDES AND SPRAYING MATERIALS



**ACME ROSE SPRAY.** Each set of Acme Rose Spray consists of three elements, giving complete protection from sucking insects, chewing insects and black spot and other fungus diseases. Packed in five size kits. Three separate cans to each kit.

No. 3 (Makes 12 qts.)	Ea. \$ .57
No. 6 (makes 24 qts.)	Ea. .90
No. 24 (makes 96 qts.)	Ea. 2.40
No. 48 (makes 48 gal.)	Ea. 3.60
No. 96 (makes 96 gal.)	Ea. 5.85



**WEED KILLER (Acme).** For killing weeds and grass, in driveways, paths, tennis courts and along curbs. Mix one part Acme Weed Killer with fifty parts of water, apply with watering can, giving a fine spray thoroughly wetting the weeds and the ground. 1 gal. can \$1.40; 5 gal. can \$5.00.

**ATLACIDE**—A chlorate weed killer. Kills Bind Weed and other noxious weeds. Per lb., 20c; 10 lbs., \$1.80; 25 lbs., per lb., 15c. 100-lb. drum, \$13.00.



**ARSENATE OF LEAD.** Powder. Superior to paste in that it does not deteriorate from standing. 1 lb., 25c; 4 lbs., 65c; 48 lbs., \$6.50.

**BAIT-M.** Acme. An effective bait for controlling cutworms, slugs, snails, grasshoppers, earwigs, sowbugs, etc. It is a ready prepared meal, packed in cartons and bags, that is simply broadcast on the ground under and around the vegetation. Water, rain or sprinkling will not harm it and it will not harm the plant. Prices, 1½ lbs., 30c; 4 lbs., 75c; 15 lbs., \$2.75.



**BLACK LEAF 40.** A concentrated nicotine solution for aphid, thrip and red spider. Dilute 1 oz. with 3 to 6 gallons of water.

	Ea.	Per Doz.	Number In Case
1 oz. bottles	\$.29	\$ 2.79	24
5 oz. bottles	.87	8.55	12
1 lb. bottles	2.25	20.70	12
2 lb. can	3.25	31.65	12
5 lb. can	6.25	66.60	6



**BORDEAUX MIXTURE.** Powder. Can be used dry or as a spray. When used as a spray 6 lbs. to 50 gallons of water will make standard 3-3-50 mixture. 1 lb., 25c; 4 lbs., 60c; 48 lbs., \$6.35.

**COPPER SULPHATE (Blue Vitrol).** Powdered. Per lb., 18c; 25 lbs., 16c; per 100 lbs., 15c.

**COPPER CARBONATE.** Controls root rot on iris. 5-lb. package, 80c.

**CYANOGAS - CALCIUM CYANIDE.** (G grade for greenhouse fumigation.) Valuable for the destruction of aphid, white fly, soft scale, thrips in green houses. 5-lb. can, \$2.40; 25-lb. can, per lb., 32c; 100-lb. drum, per lb., 22½c.



**Dutox.** For dusting cucumber and melon vines. Kills striped beetles, melon and squash bugs. 1 lb. pkg., 25c; 6 lb. pkg., \$1.15; 36 lb. case (6 6-lb. pkgs.), \$6.50.



**FISH OIL.** Soap. Remedies for scale and aphid 1 lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.90.

**FORMACYDE (Formaldehyde Dust).** For damping-off control of seedlings use 1½ oz. of Formacyde Dust per square foot of area of soil in beds, benches or flats 2½ to 3 inches deep. Where soil is 3 to 4 inches deep use 2 to 3 oz. of dust. 1 lb. can, 50c; 5 lb. can, \$1.85; 25 lb. drum, \$5.00; 50 lb. drum, \$8.75.



**GARDEN GUARD (A Rotenone Dust).** A non-poisonous garden dust which controls many chewing and sucking insects; also controls Mexican bean beetles. 1 lb. carton, 35c; 4 lb. bag, 75c.

**GRAPE AND ROSE DUST.** Powder. A remedy for mold and mildew. Ready for use as bought. 1 lb. pkg., 30c; 5 lbs., \$1.10.



**KOPPER QUEEN (Acme).** A strong liquid copper spray for control of mildew, leaf spot and black spot on roses and other foliage. Pint can, 50c; quart can 75c; gallon can, \$2.00.

**LETHANE 440.** Best remedy for control of a wide variety of the more resistant pests, such as mealy bug. Qt., \$2.00.



**LIME SULPHUR.** Powder. Apply 12 to 15 lbs., in 50 gals. of water. 1 lb., 28c; 5 lbs., \$1.35; 12½ lb. pkg., \$1.50.

**LIME-SULPHUR SOLUTION.** For San Jose scale. One gallon makes 10. Also for summer sprays, as it is an excellent fungicide. In summer dilute with 30 to 40 parts water. ½ pint to 3 gallons of water. Gal., 65c; 5 gals., \$2.10.



## MEO 181 WEED KILLER

A Specific Eradicant for Dandelion, Crab Grass, Plantain and other common weeds which tend to spoil your lawn. Prices: 1 gal. can, \$1.40; 5 gals., \$6.55; 30 gals., \$31.00.

**MOLE AND GOPHER EXTERMINATOR.** Looks like a large firecracker, but instead of exploding makes a poison gas which runs through runs and kills moles and gophers; full directions on each exterminator. Doz., 55c; gross, \$6.00. Packed one dozen in a package.

**NAPHTHALENE FLAKES.** A small quantity mixed with the soil will prevent moles and rodents from destroying bulbs being planted. 1 lb., 15c; 25 lbs., 13c per lb.; 100 lbs., 12½c per lb.

# DERRISOL

## "IT KILLS APHIDS"

Derrisol—1 oz. bottle, 25c; 8 oz. bottle, \$1.00; 1 lb. can, \$1.75; 10 lb. can, \$11.00.

**Dogzoff.** Discourages dogs, keeps them from places where they are not wanted. Per bottle, 45c; per dozen, \$4.90.

# INSECTICIDES AND SPRAYING MATERIALS



**NICO FUME.** Liquid. An effective vaporizing liquid. 1 lb., \$2.45; 4 lbs., \$6.55; 8 lbs., \$11.25.

**"NICO-FUME" POWDER.** Distribute the cans in the greenhouse walks at proper distances apart to secure uniform distribution of the fumes.

½ lb. Tins.....Each \$ .45  
 ½ lb. Tins (12 per case),  
 Per Case ..... 4.45  
 12 lbs. (that is, 12 1-lb. "Nico-Fume" Powder Pressure-Fumigators) ..... 7.40  
 6 lbs. (that is, 6 1-lb. "Nico-Fume" Powder Pressure-Fumigators) ..... 3.75

1 lb. (that is, 1—1-lb. "Nico-Fume" Powder Pressure-Fumigator) ..... .75  
 5 lb. cans, each..... 3.65  
 10 lb. cans, each..... 6.30

**PARIS GREEN.** 1 lb., 45c; 5 lbs., \$2.00; 14 lbs., \$4.75.

**PYROCID DUST NO. 15.** High in killing power. Will kill squash and cucumber bugs as well as many others. Is non-poisonous. Ask for Price.



**PYRETHRUM POWDER.** Pure, finest quality. 1 lb. pkg., 75c; 5 lb. pkg., \$3.50.

**RED SQUILLS.** Powder for Rat Control. Deadly to Rats, Mice and Rodents, but harmless to other animals and human beings. Highly recommended by the U. S. Dept. of Agriculture. Per lb. \$1.50.



**VOLCK.** A powerful insecticide also safe to use, kills Red Spider, mites, aphids (greenfly), thrips, mealy bugs, scales, white fly, caterpillars, leaf rollers, ½ pint can, 30c; 1 qt., 65c; 1 gal., \$2.00; 5 gals., \$7.95.

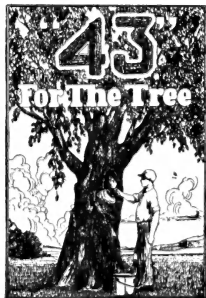
**ZENKE'S FUNGICIDE.** Recommended for mildew, Rust Leaf spots, black molds or blotches, wilts and blights, damping off, galls and leaf curl. 1 qt. can, 90c; 1 gal. can, \$2.85; 5 gals., \$13.75.



**Semesan.** To prevent or control effectively a most diversified variety of parasitic disease and fungoid growths borne by seeds, seed pieces, plants, grafts and soils. 2 ozs., 35c; 1 lb., \$2.25; 5 lbs., \$9.90.

**\*Slug Shot.** One of the best known remedies for cabbage and currant worms. Apply as bought. 1 lb., 25c; 5 lbs., \$1.00; 25 lbs., \$5.00.

**TREE PAINT AND PASTE "43".** Apply with a brush to all exposed cuts, bruises or cracks; protects wounds, aids in keeping a tree healthy and free from the destructive work of rot and decay. Pint can, 30c; qt., 50c; gal., \$1.50. Paste, pint, 30c; quart, 50c; gal., \$1.50.



**SELOCIDE.** Kills from 90 to 100 per cent of red spiders in just one application. Selocide also kills the eggs and it does not harm tender plants when properly used. Gal. can, \$3.20; 5 gal. can, \$14.50, to make 50 gals. of spray.

**SULPHUR.** Powdered. For mildew, 10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$3.50. Extra fine, 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$4.60.

**SULPHUR WETTABLE.** Can be used with water. 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; 100 lbs., \$7.50.

**TERRO ANT KILLER.** By applying a small quantity of liquid on pieces of cardboard and set around where the ants run, in a few days they will disappear. 7 gram bottle, each, 20c; 2 oz. bottle, 45c.

**TERRO ROACH KILLER.** Will kill roaches and water bugs and keep them out if directions are followed on the package. 4 oz. can, 30c; 1 lb. can, 90c.

**TOBACCO DUST.** Fine. Made especially for dusting. 10 lbs., 75c; 25 lbs., \$1.55; 50 lbs., \$2.75; 100 lbs., \$4.95.



**TREE TANGLEFOOT.** A paste preparation painted around the trunk of a tree to keep caterpillars, etc., from crawling into the tree. 1 lb., 70c; 5 lbs., \$3.35; 10 lbs., \$6.50; 25 lb. pail, \$15.30.

## ACME "STOP"

### TREE BANDING COMPOUND

#### Controls Crawling and Climbing Insects

Acme "STOP" is just that—it stops insects by enmeshing them in its gummy stickiness when a crossing is attempted. Even light, powerful insects, such as ants, find its stickiness more than can be overcome. No method of insect control is more effective against ants, climbing cut worms, red spiders and the larvae of bagworms, gypsy moths, brown-tailed moths, canker worms, than the tree-banding method, especially with the use of "STOP."

6 oz. cans .....Each, \$ .28; per doz. \$2.60  
 1 lb. cans .....Each, .50; per doz. 5.15  
 5 lb. cans .....Each 2.50  
 10 lb. cans .....Each 4.25  
 25 lb. drum .....Each 9.25

## TRI-GEN

The all purpose spray gives complete protection against all fungus diseases including mildew, black spot, rot, canker, also kills all eating and sucking insects. Packed in four size kits:

"A" Size Small Kit (makes 16 qts.) Each.....\$1.00  
 "B" Size Medium Kit (makes 64 qts.) Each..... 2.67  
 "C" Size Large Kit (makes 32 gal.) Each..... 4.00  
 "D" Size Estate Kit (makes 128 gal.) Each.....13.35

## "RED ARROW" SPRAY



A very effective spray for both chewing and sucking insects. Contains proper proportion of Soap Spreader and Activator.

1-oz. bottles .....Each \$ .25  
 4-oz. bottles .....Each .75  
 Pint bottles .....Each 1.90  
 Quart bottles .....Each 3.60  
 Gallon bottles .....Each 10.70

**ROTECIDE**—Harmless to plants, flowers and foliage. Very effective in control of Red Spider, Cyclamen Mite and Mealy Bug. Pt., \$1.75; qt., \$3.00; gal., \$8.00.

**SCALIDE**—For control of scale. Gal. can, \$1.60; 5 gal. can, \$6.00.

# PLANT STIMULANTS

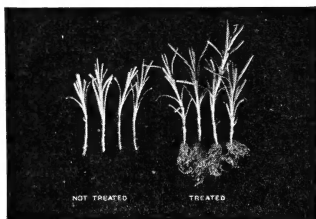
## HORMODIN POWDER

In Three Strengths  
Simplifies the Rooting of Cuttings

Hormodin Powder makes it possible to propagate practically all varieties of plants from cuttings.

The Hormodin treatment enables growers to transplant from the propagating bench to the field much earlier than with the usual practice. Treated cuttings establish themselves readily when transplanted. Many species, heretofore considered impossible to propagate from cuttings, may now be grown successfully from cuttings treated with Hormodin Powder.

1 oz. powder will treat about 2,500 cuttings of average size.



Carnation

### POWDER No. 1

Designed primarily for use on carnations, chrysanthemums, poinsettias, roses, and similar types. Many house, garden and greenhouse plants are included in the complete list. 1 1/4 oz. can, 50c; 1 lb. can, \$3.00.

### POWDER No. 2

Designed for use on less sensitive species, which comprise many of the semi-woody types and many of the common shrubs. 1 1/4 oz. can, 75c; 1 lb. can, \$4.50.

### POWDER No. 3

Designed for use with the more resistant species which comprise most evergreens and dormant leafless cuttings. 1 oz. can, \$1.00; 1/2 lb. can, \$4.50.

### COMBINATION PACKAGE

Powder No. 1, Powder No. 2, and Powder No. 3—in one carton—Each .....\$ .75

## FLORALIFE

Makes Your Cut Flowers Live Longer



To sell at 10c. Each colorful package makes 1 quart solution . . . Packed in attractive counter display cartons . . . It will pay you to put a package in every box of cut flowers you sell.

25 packages .....\$1.25  
100 packages ..... 4.75

### Bulk Floralife

30-qt. cans.....Each \$ .60  
100-qt. cans.....Each 1.75  
250-qt. cans.....Each 4.00

## VITAMIN B-1 IN HORTICULTURE

- (1) Vitamin B-1 tends to stimulate rate and amount of growth;
- (2) Vitamin B-1 tends to give larger blooms;
- (3) Vitamin B-1 tends to produce healthier, sturdier plants;
- (4) Vitamin B-1 tends to reduce losses during transplanting, especially when little or no soil adheres to roots;
- (5) Vitamin B-1 tends to stimulate growth and good health of seedlings;
- (6) Vitamin B-1 may prove an important factor in lawn conditioning.

### VITAMIN B-1—(Powder)

1 Grain Vial (Makes about 1700 gallons.) Per Vial, 50c;  
Per dozen, \$4.80.  
5 Grain Vial (Makes about 8500 gallons.) Per Vial, \$1.75.

### VITAMIN B-1—(Liquid)

Trial Size—(Makes 100 gal.) Each, 20c; Per dozen, \$1.80.  
Large Size—(Makes 800 gal.) Each, 75c; Per doz., \$7.20.  
Syphonette Kit—(Makes 800 gal.) Each, \$1.75; doz., \$18.00.

## ROOTONE

Improves Rooting of Cuttings, Seeds and Bulbs

Makes Heavier Grass Turf

Causes Faster Germination of Seeds

Increases Plant Growth—Reduces Wilt

When seeds and bulbs are dusted with ROOTONE and planted, germination is quicker (most noticeable in sluggish seeds like those of perennials), and root growth is faster and heavier. This means stronger, healthier plants, and frequently results in faster growth and earlier flowering.

ROOTONE keeps for years in the dry state, and becomes effective only in the presence of sufficient moisture to dissolve out the hormone, as in the seed flat or cutting bed. 1/4 oz., Pkt. 25c; 2 oz. Jar, \$1.00; 1 lb. Can, \$5.00.

## TRANSPLANTONE

REDUCES LOSS IN TRANSPLANTING

Many ornamental evergreens do not respond well to chemical fertilizer, and TRANSPLANTONE is especially suited to them because it increases root systems. All the shrubs and trees that require humus around their roots, like TRANSPLANTONE. Outstanding among them are azalea, pyracantha, juniper, pine, hemlock, rhododendron, holly, and arbor vitae.

The amount of stock or transplant solution required will vary with the size of the ball of earth around the roots. A 12- to 15-inch ball takes two gallons of stock solution; a 2-foot ball, 4 gallons; a 5-foot ball, 20 gallons; and a 10-foot ball, 50 gallons. On the larger trees a layer of peat moss around the cavity will prevent it from draining off too fast.

One oz. makes 10 gallons transplant solution or 100 to 1000 gallons of weekly watering solution. Oz. can, 50c; 3 oz. can, \$1.00; 1 lb. can, \$4.00.

# HIGH GRADE FERTILIZERS AND PLANT FOODS

The U. S. GOVERNMENT says fertilizers containing chemical nitrogen can be used for vegetables only, which are so marked.

## ALUMINUM SULPHATE

Used by growers for turning Hydrangeas Blue.

5 lbs. ....	\$ .40	50 lbs. ....	\$2.00
25 lbs. ....	1.40	100 lbs. ....	3.30

4 oz. to 5 gallons of water—twice a week

## AMMONIUM SULPHATE

For Vegetables Only

20½% Nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil, or 3 gallons of water. Ask for price.

## BONE MEAL

Fine ground, steamed Bone Meal, works much quicker than raw bone. Has been used for years and is still popular. Analysis: 2% Nitrogen; 27% Phosphoric Acid. 25 lb. bag, \$1.15; 50 lb. bag, \$1.95; 100 lbs., \$3.50; 500 lbs., \$16.75.

## BLOOD MEAL

13½% organic nitrogen. Rather coarse in physical form and dissolves slowly. Ideal in manure mulch on bench plants. 2 to 4 lbs. per 100 sq. ft. Ask for Price.

## BLOOD, BONE AND POTASH

5% Nitrogen, 8% Bone Phosphate of Lime, 7% Potash. One-fourth pound mixed in the soil when planting new roses and a tablespoon stirred in the top soil every two weeks will give wonderful results, both to plant and foliage growth as well as more and better roses. 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lb., \$4.75.

## CATTLE MANURE

Archer brand, pulverized Cattle Manure, which is considered by Florists and Nurserymen as one of the finest natural fertilizers. Analysis: 2% Nitrogen; 1% Phosphoric Acid; 1% Potash. Per 100 lbs., \$1.65; 500 lbs., \$8.00; 1,000 lbs., \$15.00; 2,000 lbs., \$28.00.

Charcoal (Ground)—Packed in 50 lb. burlap sacks; per sack, \$1.60; No. 6, Coarse; No. 10, Fine.

## HARDWOOD ASHES

4% Potash. In addition to the Potash this product has a special value for soil conditioning. Price, 100 lbs., \$1.25; 500 lbs., \$6.00.

## HYDRATED LIME

Will correct, and prevent sour soil if used as a top dressing on lawns in fall or early in Spring. 10 lb. pkg., 28c; 50 lb. bag, 75c.

## LEAF MOLD

Fine quality sifted, packed in two bushel sacks. Per sack, 90c; 5 sacks, \$4.00; 10 sacks, \$7.80.

## MILORGANITE

A specially prepared lawn fertilizer, high in Nitrogen and so constituted as to retain its nitrogen over long periods. Analysis: 6% Nitrogen; 2.75% PHOSPHORIC ACID. Per 100 lbs., \$2.50.

## MURIATE OF POTASH

50% Potash. Used in addition to bone meal on various plantings. Price, 25 lbs., \$1.50; 50 lbs., \$2.25; 100 lbs., \$3.95.

## NITRATE OF SODA

For Vegetables Only

16% Inorganic Nitrogen, readily soluble and quickly available—use inside or outside as top dressing—side dressing—or in liquid manures. 25 lbs., \$1.35; 50 lbs., \$2.25; 100 lbs., \$3.95.

## PEAT MOSS

Granulated—Domestic

Domestic—1 to 4 bales, per bale, \$4.00; 5 to 10 bales, per bale, \$3.90.

## SHEEP MANURE

Archer Brand pulverized sheep manure which is treated to kill weed seeds which are so often found in natural manures. Put up in paper lined bags. Gives immediate results, easy to apply and is a well balanced lawn fertilizer. Analysis: 2% Nitrogen; 1% Phosphoric Acid; 2% Potash. 50 lb. bag, \$1.00; 100 lbs., \$1.65; 500 lbs., \$8.00; 1,000 lbs., \$15.00; 2,000 lbs., \$28.00.



## SULPHATE OF POTASH

48% Potash. Used in addition to Bone Meal for additional Potash. 25 lbs., \$1.90; 50 lbs., \$3.25; 100 lbs., \$5.75.

## SUPER PHOSPHATE

20% available. Used on crops requiring an excessive amount of phosphoric acid. 25 lbs., 85c; 50 lbs., \$1.40; 100 lb. bag, \$2.25; 1,000 lbs., \$20.00; 2,000 lbs., \$37.50.

45% available: 25 lbs., \$1.20; 50 lbs., \$1.90; 100 lb. bag, \$3.25; 1,000 lbs., \$30.00; 2,000 lbs., \$57.00.

## SWIFTS RED STEER 4-8-6

A special florist's fertilizer containing 4% Nitrogen, 8% Phosphoric Acid, 6% Potash. Packed in 80-lb. bags. Per bag, \$2.25; 5 bags, \$10.75.

## TOBACCO FERTILIZER

Ground Tobacco Stems which is valuable as a fertilizer on account of its Potash contents and as an insect destroyer from its Nicotine. Analysis: 3% Nitrogen; 6% Phosphoric Acid; 4% Potash; 3% Nicotine. Packed in 50 lb. bags. Per 100 lbs., \$1.90; 500 lbs., \$9.00; 1,000 lbs., \$17.50.

## VIGORO

For Vegetables Only

Where Vigoro is applied to plants grown on benches or in pots, it should be worked into the soil and the plants then watered. When Vigoro is to be used in soil for repotting, mix the plant food thoroughly with the soil. Analysis: 4% Nitrogen; 12% Phosphoric Acid; 4% Potash.

	Per Case
1 lb. Pkgs. (32 to case).....	\$1.92
5 lb. Pkgs. 35c each (14 to case) 4.06	
10 lb. Pkgs., 65c each (6 to case) 3.36	
25 lb. Bags, each .....	1.00
50 lb. bags, each .....	1.70
100 lb. bags, each .....	2.75



## ZENKE'S NEW PLANT LIFE

Is a complete and ready plant food in liquid form, mix about one tablespoonful to one gallon of water. Analysis: Nitrogen, 2%; Phosphoric Acid, 2%; Potash, 2%. Per qt., 85c; gallon, \$2.85.

## HYPONEX—Plant Food

For Vegetables Only Until Notified

HYPONEX is a scientifically compounded mixture of chemicals in dry form which, when dissolved in water, yields a nutrient solution which is capable of supplying all the essential elements in a properly balanced form necessary for vigorous plant growth. 3 oz. cans (makes 18 gallons), each, 20c; 1 lb. cans (makes 100 gallons), each, 85c. 10 lb. pkg. (makes 1,000 gallons). Ea. \$7.50.



# HARDEN'S LAWN GRASS SEEDS AND SUPPLIES

All Prices Are Subject to Market Changes

## KENTUCKY BLUE GRASS

The ideal months of the year for sowing Kentucky Blue Grass are September, October, February and March. A good crop of fine seed has been harvested this year and prices are very reasonable.

### New Crop Seed Now Ready

Blue grass lawns are a man-made product and must be sowed at least once and preferably twice a year to keep in good condition. We supply to our customers only the heaviest seed of Kentucky Blue Grass in extra fine quality and of the highest germination.

## HARDEN'S EVERGREEN LAWN SEED

### The Standard Lawn Mixture

A special blend of fine leafed grasses prepared especially for sowing on bare ground or for filling in bare spots on an old lawn. The body of this mixture is composed of K. C. Brand Kentucky Blue Grass blended with Red-Top and with a number of quicker growing grasses which will act as a nurse crop for the blue grass. These quicker grasses are those that will be crowded out by the blue grass or will die out the second year after the sod is well established. This is the finest combination that can be obtained for a permanent lawn.

## SHADY LAWN GRASS

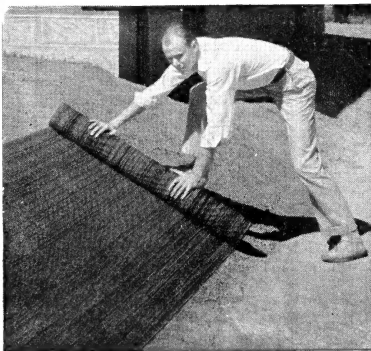
Our combination of fine low-growing evergreen grasses which grow in their wild native state in heavily wooded locations or other shaded or sheltered locations. This mixture will give splendid satisfaction on nearly any lawn that has bald spots under trees which ordinarily give the greatest amount of trouble to get permanently into grass. (For the further information of our customers, we advise them that the soil under trees long standing is apt to be acid or sour. This can be easily corrected by making an application of lime at the rate of 50 lbs. to 1,000 square feet.)

## HARDEN'S "TERRACE SOD" LAWN GRASS

One great difficulty in getting a terrace seeded is the fact that ordinary shallow rooted grasses are used. These are quickly killed on account of the added exposure and lack of moisture. "Terrace Sod" mixture is composed of those grasses which are deep rooted and which will stand the greatest amount of drouth and exposure. These grasses by their long-rooted characteristics aid in binding the soil together and prevent washing.

## EROSIONET FOR STUBBORN TERRACES

Erosionet is a strong, economical, open-mesh fabric made of tightly twisted paper twine. When placed over any seeded surface, its ¼-inch square mesh forms millions of tiny dams which catch and hold your seed and sod firmly in place. Thus, damaging "wash-outs" from heavy rains are effectively checked without cutting off the sunlight.



Erosionet also catches and holds moisture. It helps overcome seed losses and lawn disappointments from poor germination. Erosionet never presents an unsightly appearance, clover and grasses soon rendering it almost invisible. Erosionet is rot-resisting and can easily be removed when grass becomes 2½ in. high. Comes in rolls 45 in. wide and can be purchased in any lengths. Yard, 12c.

## KENTUCKY BLUE GRASS

	10-lb. Lots Per lb.	25-lb. Lots Per lb.	50-lb. Lots Per lb.	112-lb. Bag Per lb.
K.C. Brand—21 lbs. per bu.	\$ .18	\$ .17½	\$ .17	\$ .16½
Superfine—24 lbs., per bu.	.20	.19	.18½	.18
Extra Superfine—28 lbs. per bu.	.23	.22	.21½	.21

## HARDEN'S MIXED LAWN GRASS

	10-lb. Lots Per lb.	25-lb. Lots Per lb.	50-lb. Lots Per lb.	100-lb. Lots Per lb.
Terrace Grass	.23	.22	.21	.20
Evergreen—Lawn	.21	.20	.19	.18
Shady Lawn	.23	.22	.21	.20

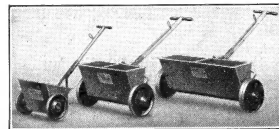
## MISCELLANEOUS LAWN GRASS

	10-lb. Lots Per lb.	25-lb. Lots Per lb.	50-lb. Lots Per lb.	100-lb. Bag Per lb.
Rye Grass	\$ .10	\$ .09½	\$ .09	\$ .08½
Red Top	.14	.13½	.13	.12
Bermuda Grass	.41	.40	.39	.38
Poa Trivialis		Ask for Price		
Chewings Fescue	.42	.41	.40½	.40
Seaside Creeping Bent (Certified)	.75	.72	.71	.70

## WHITE DUTCH CLOVER

	5-lb. Lots Per lb.	25-lb. Lots Per lb.	Per 100 lb.
K. C. Brand	\$ .80	\$ .77	\$75.00

## GRASS AND FERTILIZER SPREADERS



**Special**—Spreading width, 36 inches; hopper capacity, 100 pounds. A great time and money saver on larger places. Essential on golf courses, estates, parks, etc. Ea., \$20.00

**Standard**—The spreading width of this model is 24 inches and the hopper capacity is 65 pounds. The man with fair-sized property will welcome it. A favorite on school, hospital, factory grounds, etc. A great time saver. Each .....\$13.00

**Junior**—A larger hopper, 16 inches spreading width and 35-pound capacity. Convenient size for the average home. Sturdy, lasts a lifetime. A very popular model. Ea. \$6.00

**Model B**—Just the right size for the small home owner. Spreading width 14 inches, hopper capacity 15 pounds. So light weight and convenient for the lady gardener. Attractive low price. Each.....\$2.65

## SPEEDY CULTIVATOR AND MULCHER



This is a TRUE TEMPER tool and the handiest, made for use on the lawn for scratching up bare spots preparing for seeding, also for cultivating flower beds. Each, \$1.15; 3 for \$3.60.